

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027208.D
 Acq On : 03 Oct 2023 18:19
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 01:42:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 01:37:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	620325	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	607680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	344161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	188840	19.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.520%
7) Chloroethane-d5	2.899	69	155972	20.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	4.021	65	83703	20.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.680%
21) 2-Butanone-d5	7.075	46	105816	52.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.040%
24) Chloroform-d	7.648	84	406154	22.371	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.480%
26) 1,2-Dichloroethane-d4	8.306	65	203267	23.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.440%
32) Benzene-d6	8.276	84	821564	22.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.276	67	249645	22.390	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.324	98	751831	22.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.574	79	105777	24.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.680%
47) 2-Hexanone-d5	10.922	63	96328	56.477	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216274	25.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	259100	22.453	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	156282	19.389	ug/L	# 83
3) Chloromethane	2.228	50	216128	19.864	ug/L	99
5) Vinyl chloride	2.375	62	250322	21.072	ug/L	96
6) Bromomethane	2.783	94	165166	21.104	ug/L	96
8) Chloroethane	2.929	64	157704	21.874	ug/L	100
9) Trichlorofluoromethane	3.265	101	214456	21.480	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	206060	20.513	ug/L	95
12) 1,1-Dichloroethene	4.045	96	212182	22.110	ug/L	89
13) Acetone	4.118	43	121780	48.913	ug/L	99
14) Carbon disulfide	4.393	76	673068	20.896	ug/L	99
15) Methyl Acetate	4.667	43	103799	24.874	ug/L	99
16) Methylene chloride	4.923	84	297366	24.488	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	231298	22.400	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	318108	24.618	ug/L	99
19) 1,1-Dichloroethane	6.215	63	430074	22.334	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	255247	23.190	ug/L	93
22) 2-Butanone	7.166	43	151198	49.103	ug/L	99
23) Bromochloromethane	7.514	128	117942	23.483	ug/L	94
25) Chloroform	7.679	83	433267	23.069	ug/L	97

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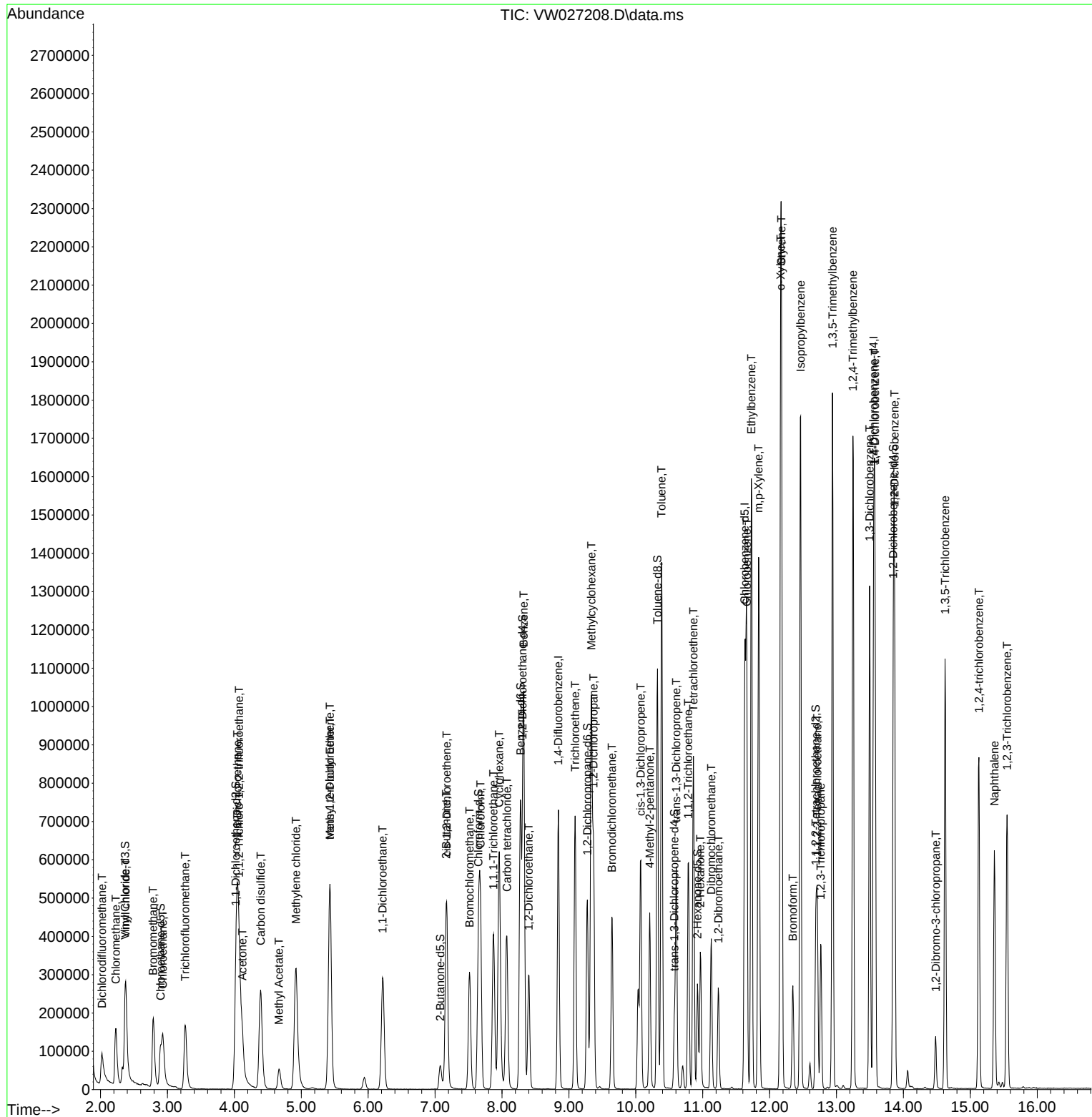
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270656	23.525	ug/L	97
29) Cyclohexane	7.959	56	365649	22.617	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	345727	22.887	ug/L	99
31) Carbon tetrachloride	8.075	117	329849	23.118	ug/L	99
33) Benzene	8.325	78	976338	22.732	ug/L	100
34) Trichloroethene	9.093	95	252625	22.524	ug/L	94
35) Methylcyclohexane	9.337	83	437559	23.195	ug/L	99
37) 1,2-Dichloropropane	9.367	63	250489	22.634	ug/L	100
38) Bromodichloromethane	9.642	83	309416	23.279	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	385043	23.613	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	286821	53.422	ug/L	99
42) Toluene	10.385	91	1032888	23.417	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	328694	24.595	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	192887	24.084	ug/L	98
46) Tetrachloroethene	10.861	164	207523	23.537	ug/L	92
48) 2-Hexanone	10.965	43	212017	50.372	ug/L	96
49) Dibromochloromethane	11.129	129	208957	24.057	ug/L	99
50) 1,2-Dibromoethane	11.233	107	181035	24.360	ug/L	97
51) Chlorobenzene	11.660	112	669413	22.870	ug/L	95
52) Ethylbenzene	11.727	91	1169460	23.601	ug/L	99
53) m,p-Xylene	11.836	106	461911	24.311	ug/L	97
54) o-Xylene	12.166	106	420277	23.679	ug/L	98
55) Styrene	12.178	104	760080	24.877	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	233329	24.289	ug/L	100
59) Bromoform	12.348	173	130822	24.072	ug/L	99
60) Isopropylbenzene	12.464	105	1172321	23.132	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	170724	24.230	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	957659	24.102	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	943749	24.237	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	536022	22.917	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	539210	22.945	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	471571	23.001	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	36198	23.983	ug/L	83
69) 1,3,5-Trichlorobenzene	14.622	180	352901	23.431	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	284219	23.919	ug/L	99
71) Naphthalene	15.360	128	541135	25.810	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	264012	25.029	ug/L	99

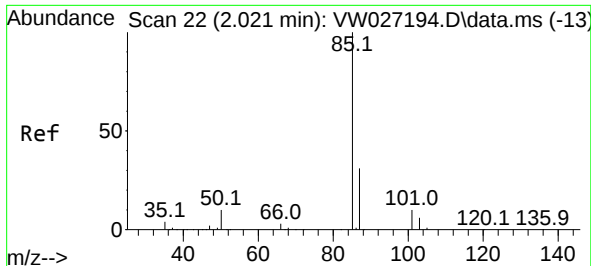
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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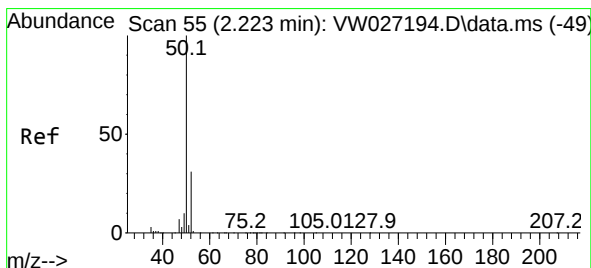
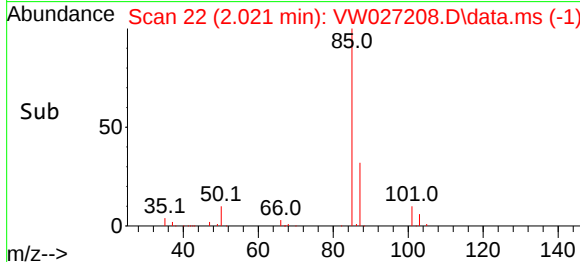
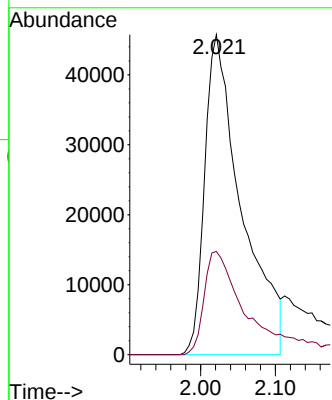
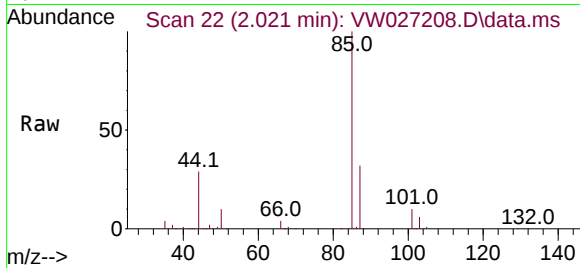




#2
Dichlorodifluoromethane
Concen: 19.389 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

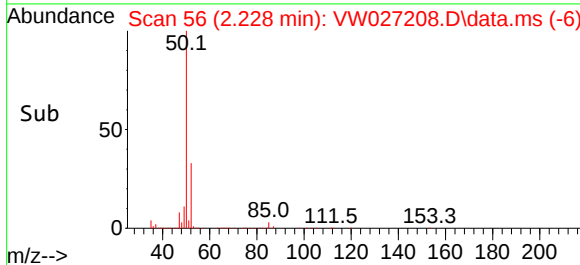
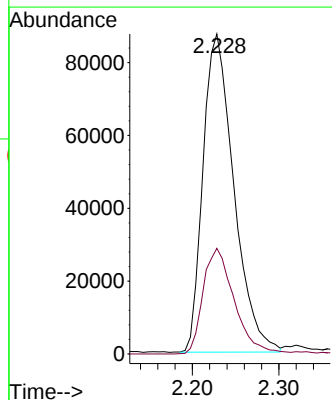
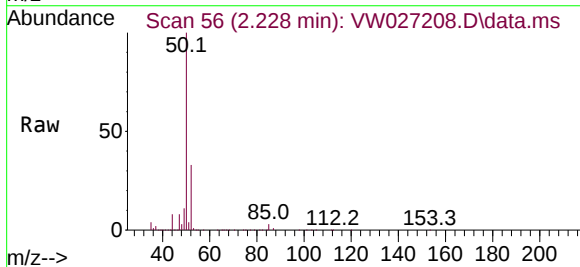
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ClientSampleId :

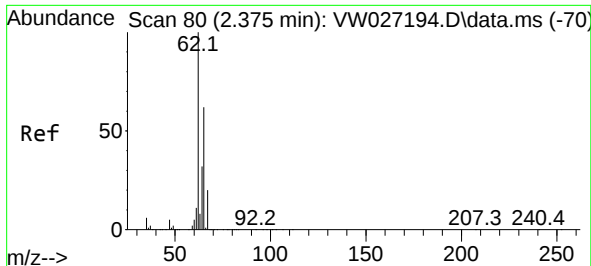
Tgt Ion: 85 Resp: 156282
Ion Ratio Lower Upper
85 100
87 36.5 22.1 33.1#



#3
Chloromethane
Concen: 19.864 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion: 50 Resp: 216128
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7

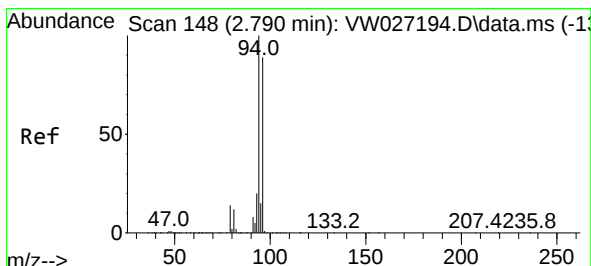
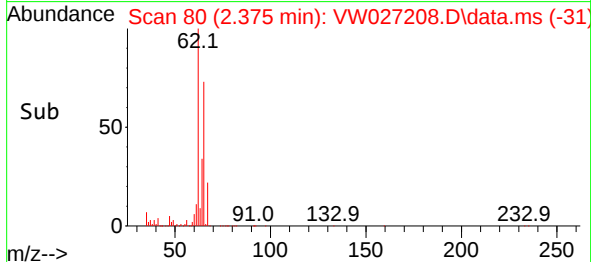
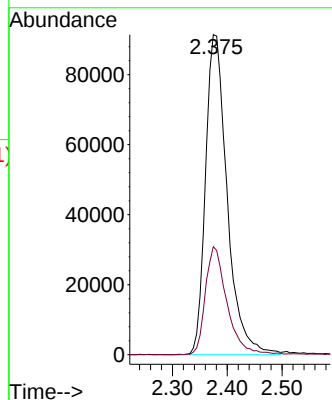
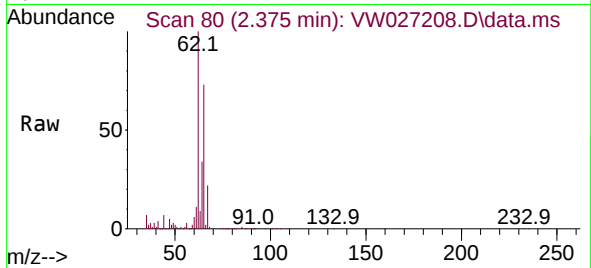




#5
 Vinyl chloride
 Concen: 21.072 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027208.D
 Acq: 03 Oct 2023 18:19

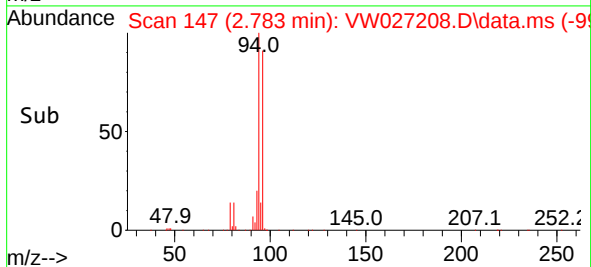
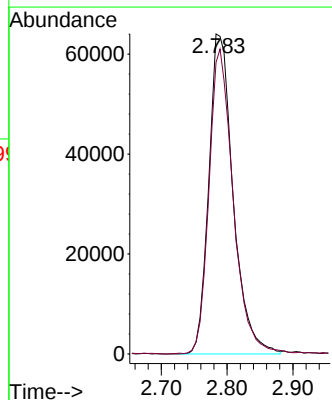
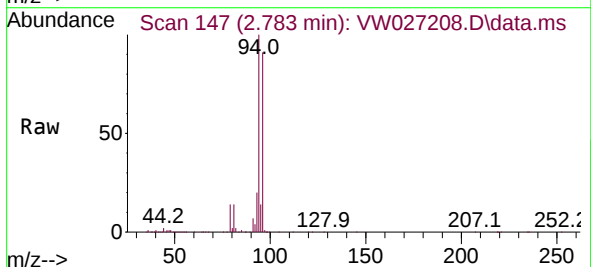
Instrument :
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 ClientSampleId :

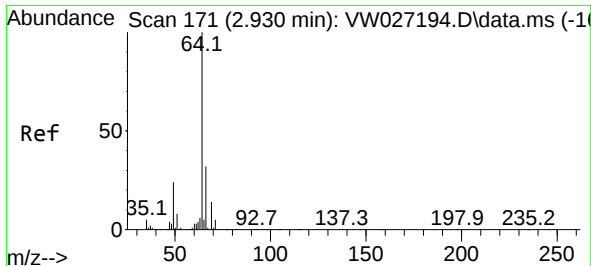
Tgt Ion: 62 Resp: 250322
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.2 41.2



#6
 Bromomethane
 Concen: 21.104 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027208.D
 Acq: 03 Oct 2023 18:19

Tgt Ion: 94 Resp: 165166
 Ion Ratio Lower Upper
 94 100
 96 91.1 66.8 124.0

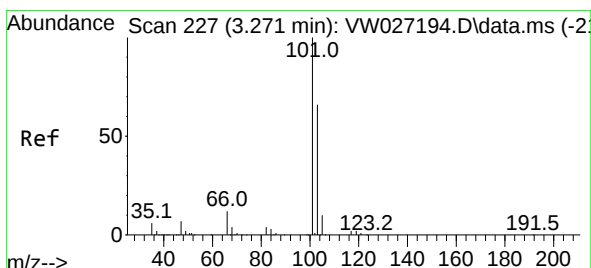
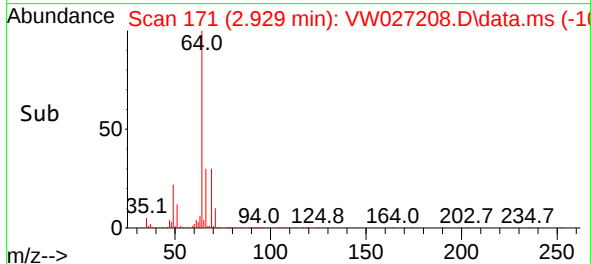
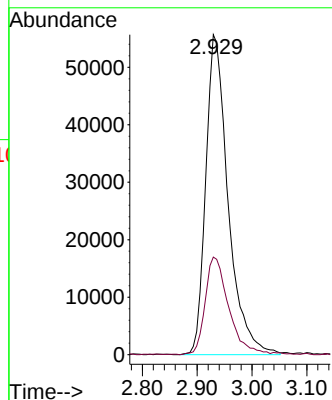
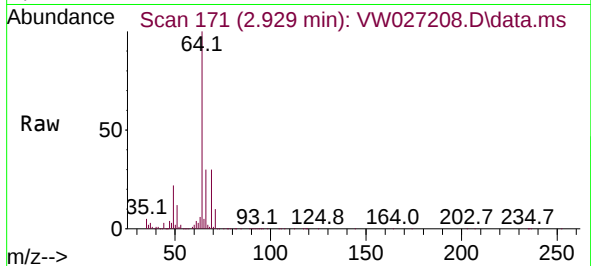




#8
Chloroethane
Concen: 21.874 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

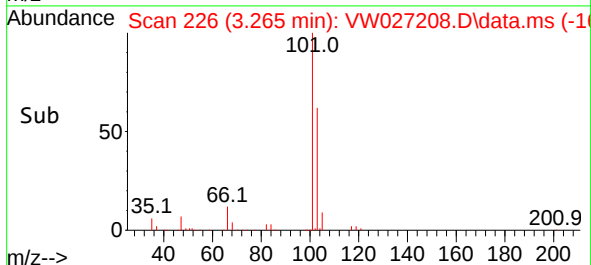
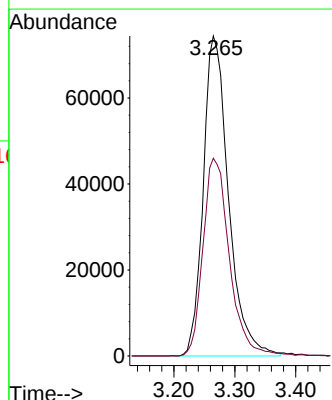
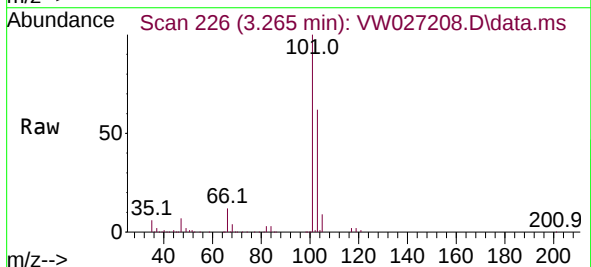
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ClientSampleId :

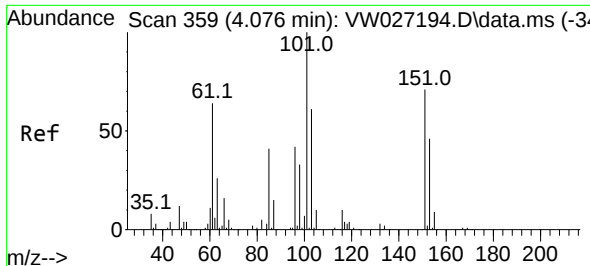
Tgt Ion: 64 Resp: 157704
Ion Ratio Lower Upper
64 100
66 30.5 21.5 39.9



#9
Trichlorofluoromethane
Concen: 21.480 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.007 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion:101 Resp: 214456
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

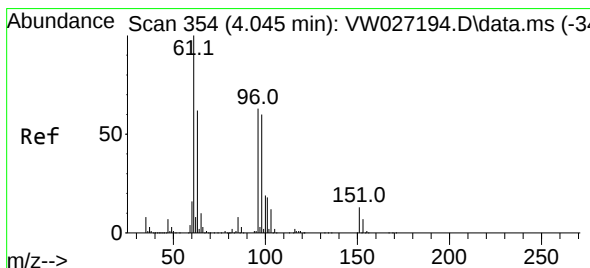
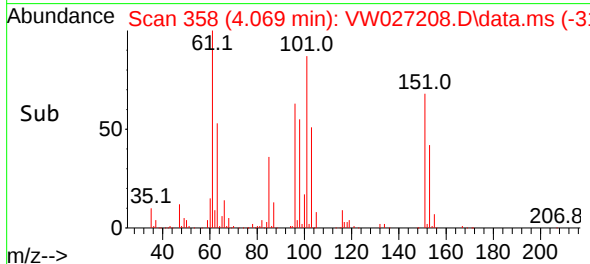
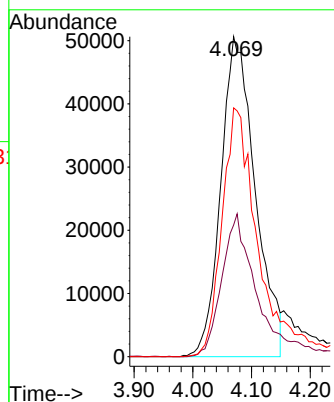
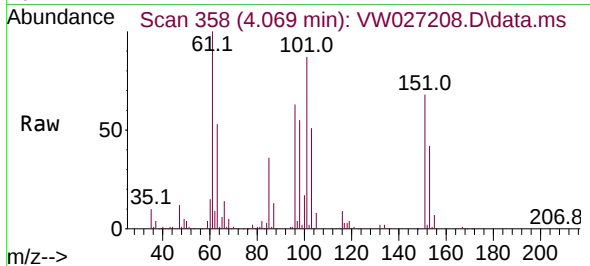




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.513 ug/L
 RT: 4.069 min Scan# 359
 Delta R.T. -0.007 min
 Lab File: VW027208.D
 Acq: 03 Oct 2023 18:19

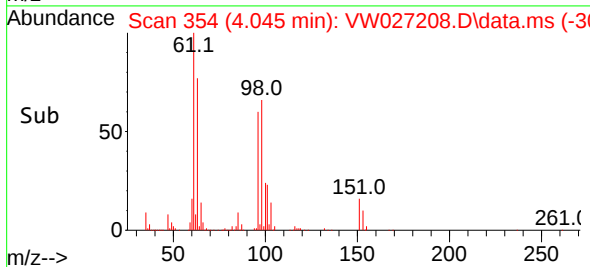
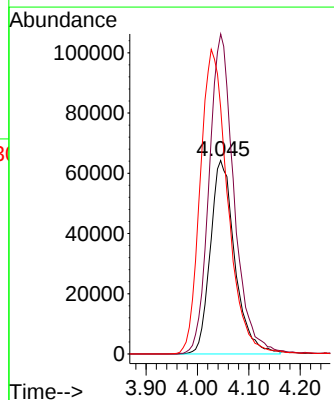
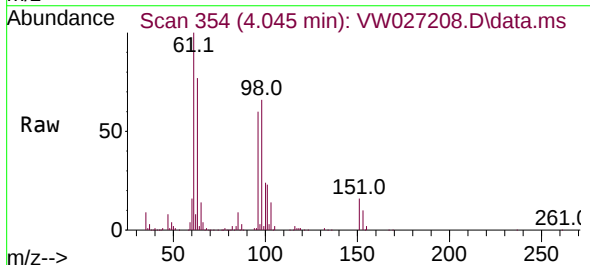
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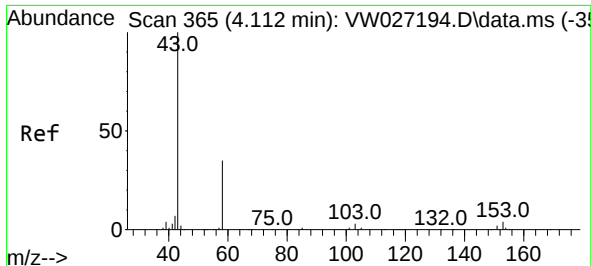
Tgt Ion:101 Resp: 206060
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.1 49.7
 151 78.5 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 22.110 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027208.D
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Tgt Ion: 96 Resp: 212182
 Ion Ratio Lower Upper
 96 100
 61 165.4 109.8 204.0
 63 127.2 76.9 142.7

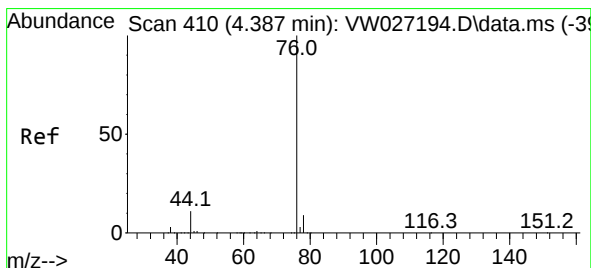
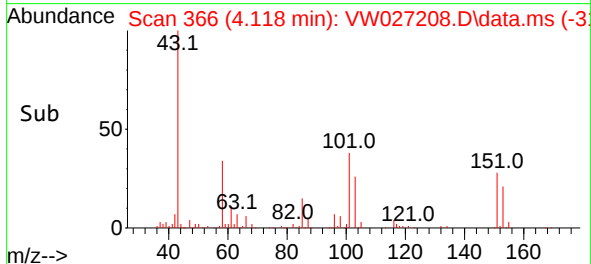
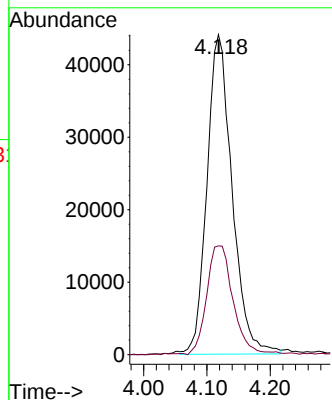
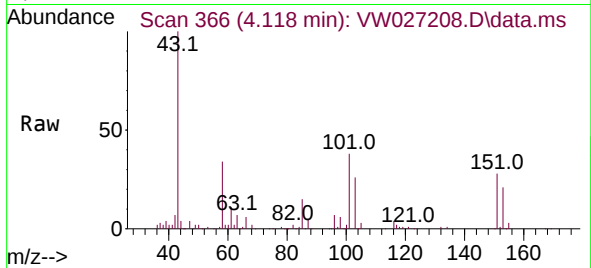




#13
Acetone
Concen: 48.913 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

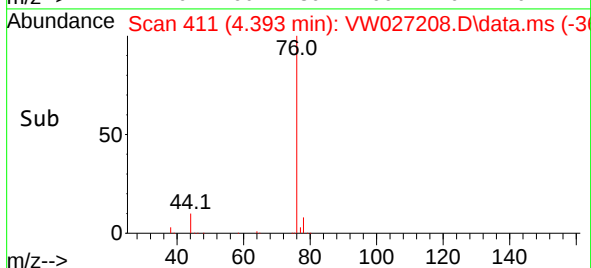
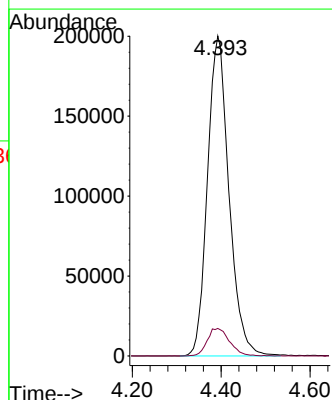
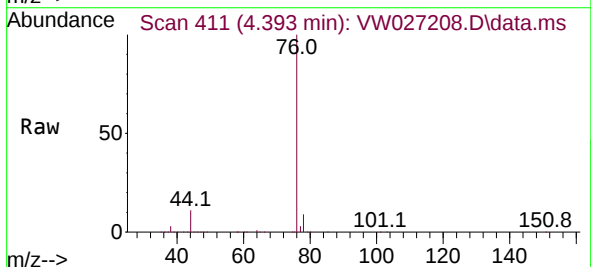
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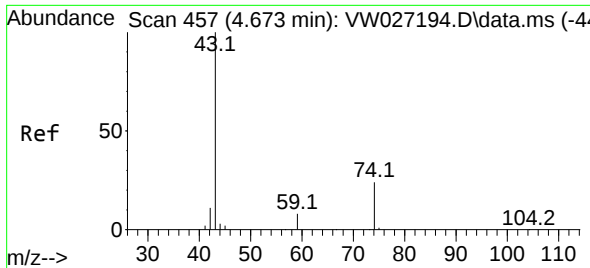
Tgt Ion: 43 Resp: 121780
Ion Ratio Lower Upper
43 100
58 35.6 0.0 70.4



#14
Carbon disulfide
Concen: 20.896 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 673068
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

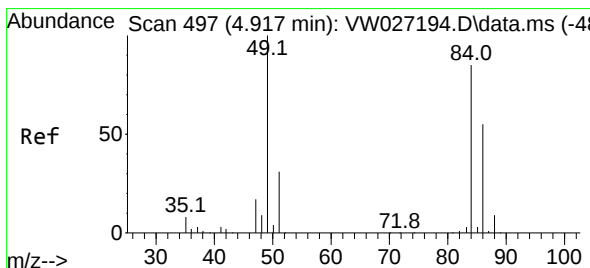
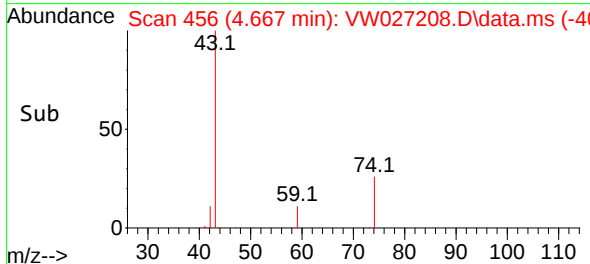
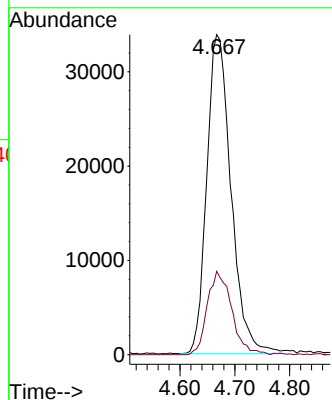
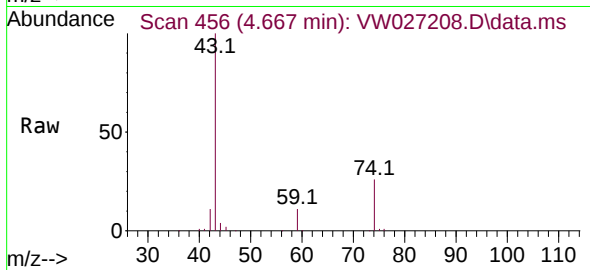




#15
Methyl Acetate
Concen: 24.874 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.007 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

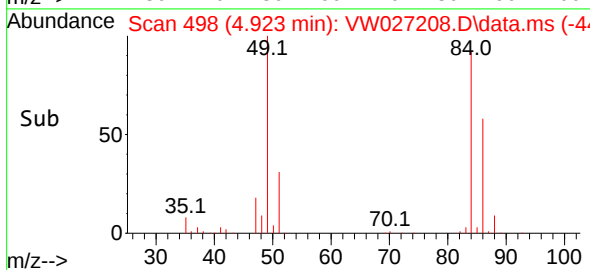
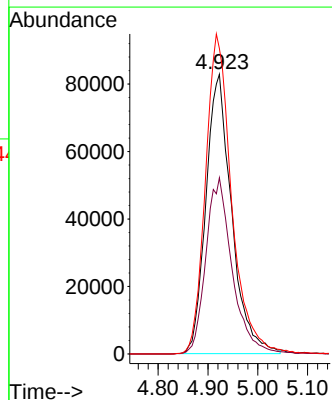
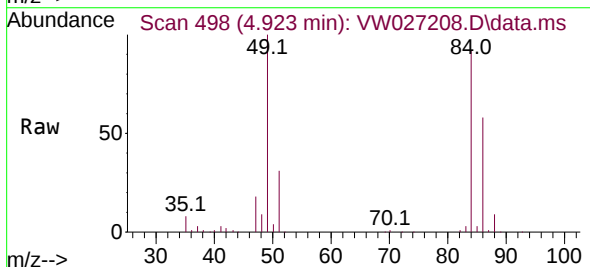
Instrument :
MSVOA_W
ClientSampleId :

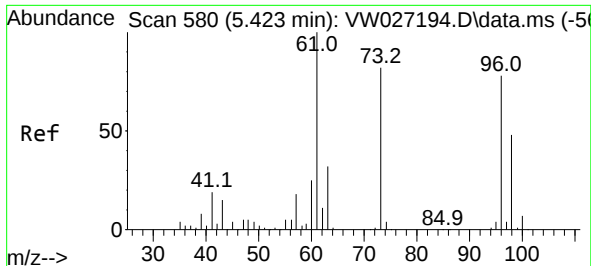
Tgt Ion: 43 Resp: 103799
Ion Ratio Lower Upper
43 100
74 25.7 20.8 31.2



#16
Methylene chloride
Concen: 24.488 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion: 84 Resp: 297366
Ion Ratio Lower Upper
84 100
86 63.0 45.1 83.9
49 109.2 80.9 150.3

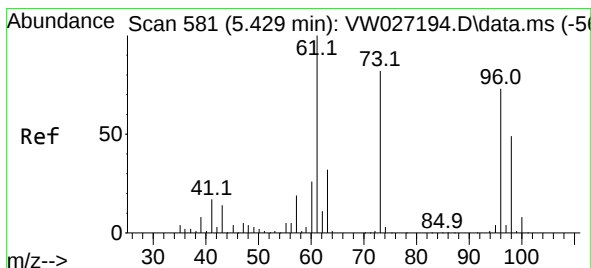
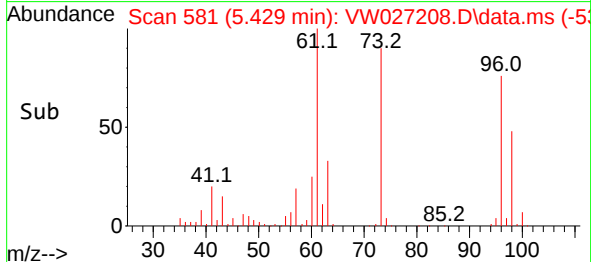
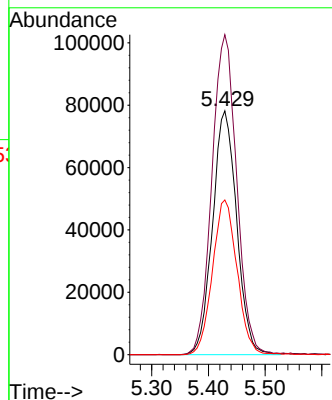
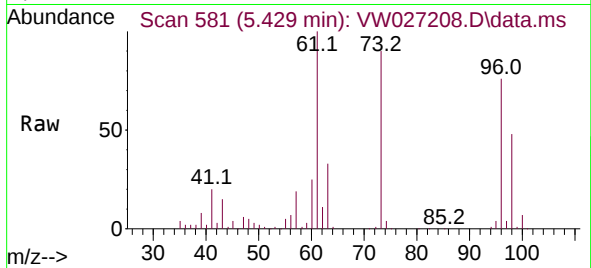




#17
trans-1,2-Dichloroethene
Concen: 22.400 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

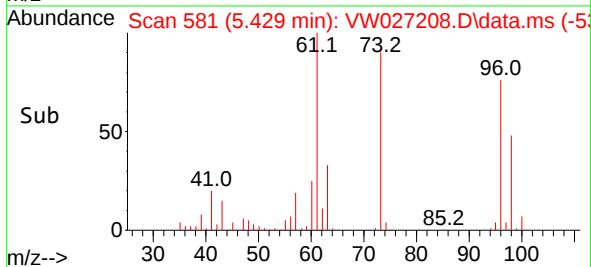
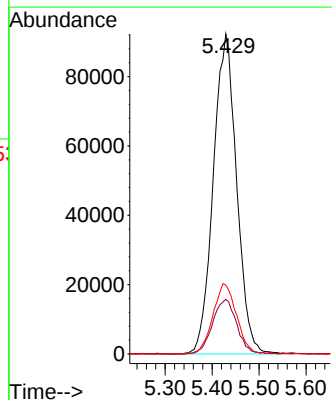
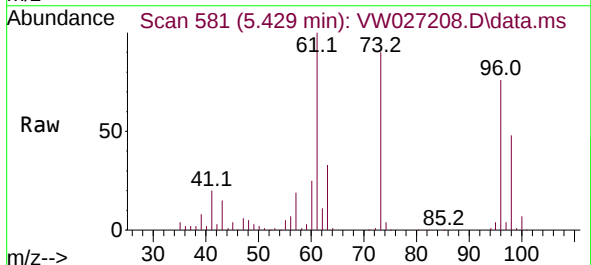
Instrument :
MSVOA_W
ClientSampleId :

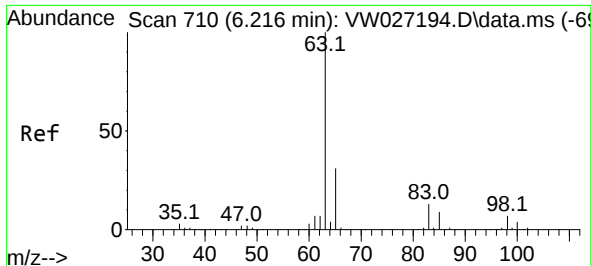
Tgt Ion: 96 Resp: 231298
Ion Ratio Lower Upper
96 100
61 131.3 93.5 173.7
98 63.5 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 24.618 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion: 73 Resp: 318108
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.2
57 22.2 18.3 27.5





#19

1,1-Dichloroethane

Concen: 22.334 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :

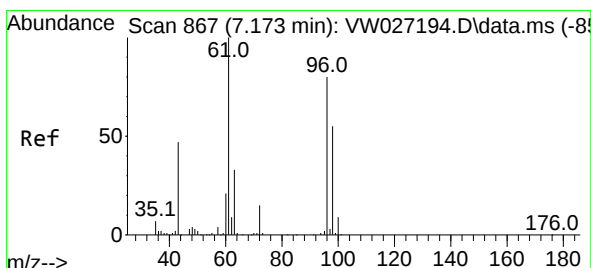
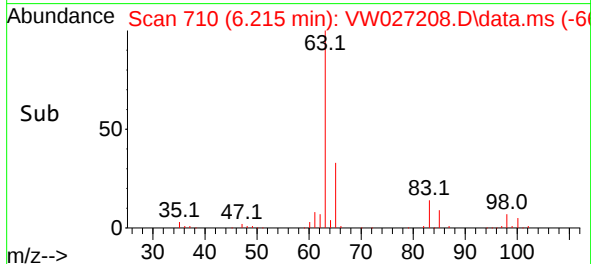
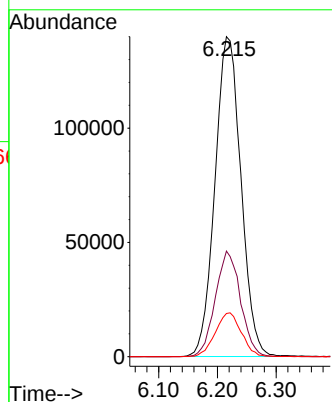
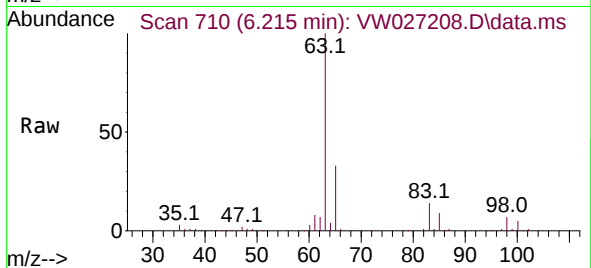
Tgt Ion: 63 Resp: 430074

Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.9

83 13.5 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 23.190 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

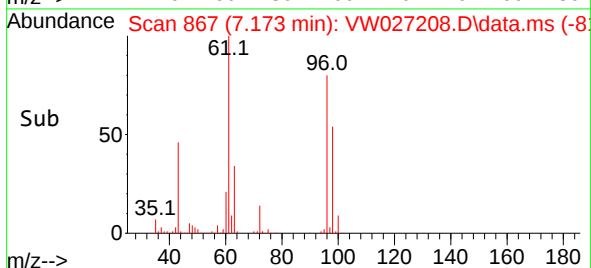
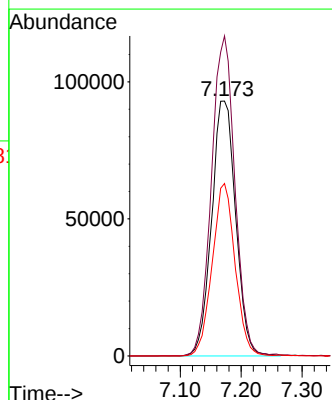
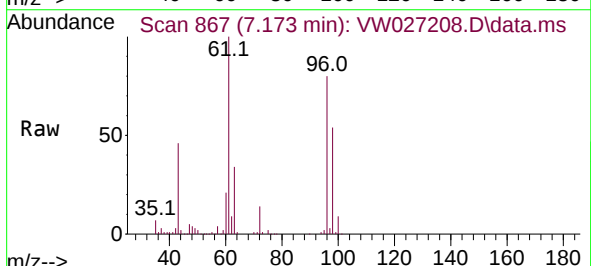
Tgt Ion: 96 Resp: 255247

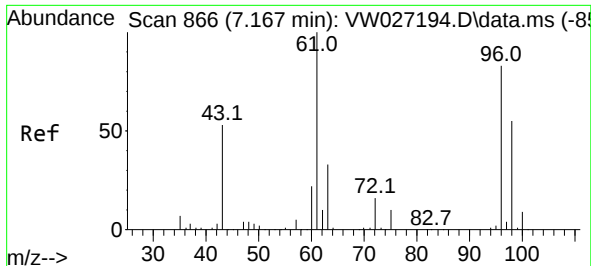
Ion Ratio Lower Upper

96 100

61 125.6 82.7 153.5

98 67.7 43.0 80.0





#22

2-Butanone

Concen: 49.103 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

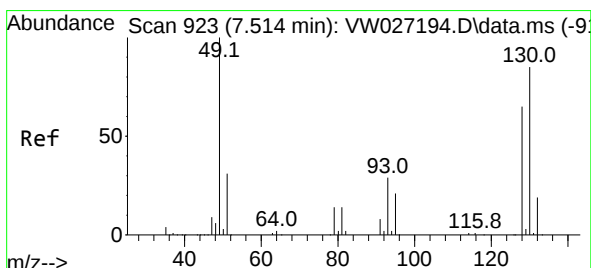
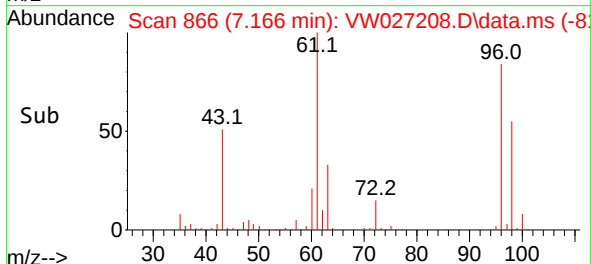
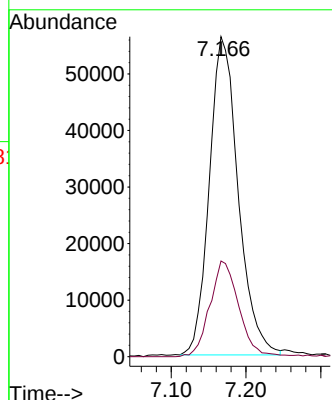
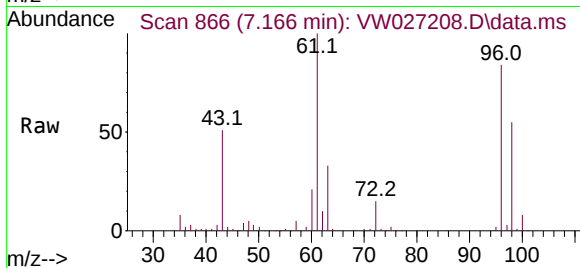
ClientSampleId :

Tgt Ion: 43 Resp: 151198

Ion Ratio Lower Upper

43 100

72 30.0 14.6 44.0



#23

Bromochloromethane

Concen: 23.483 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Tgt Ion: 128 Resp: 117942

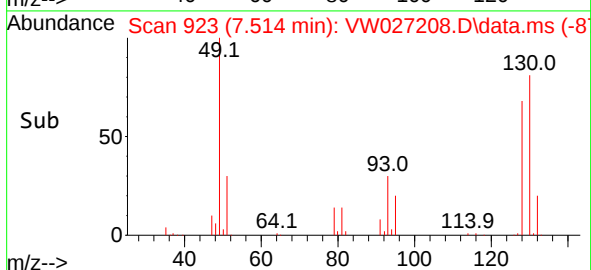
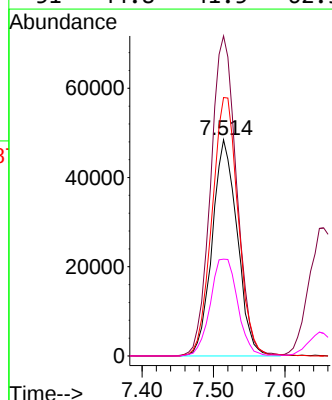
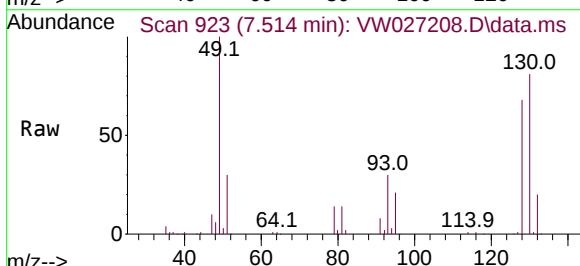
Ion Ratio Lower Upper

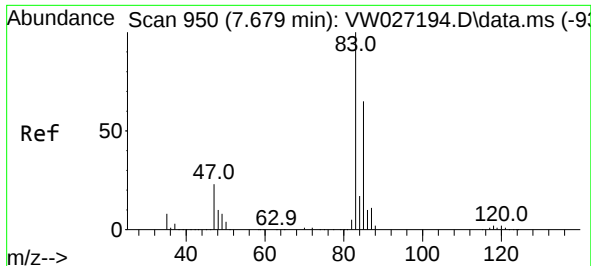
128 100

49 148.0 112.1 208.1

130 119.5 83.9 155.7

51 44.8 41.5 62.3

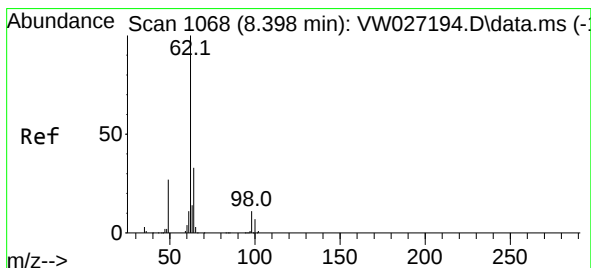
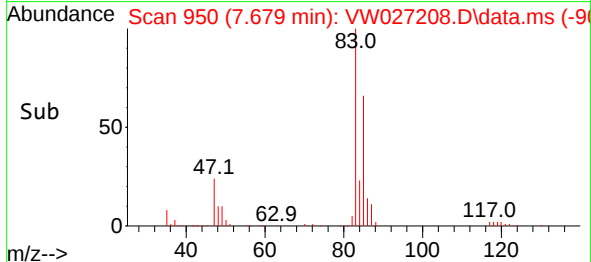
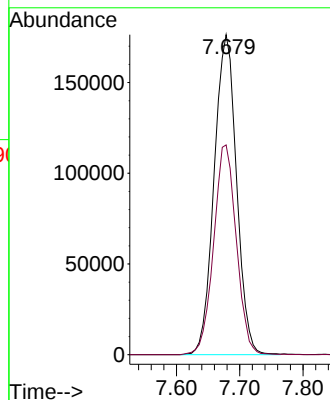
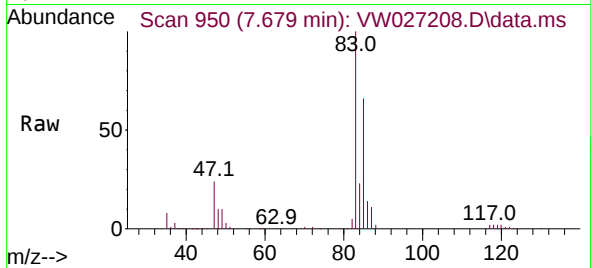




#25
Chloroform
Concen: 23.069 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

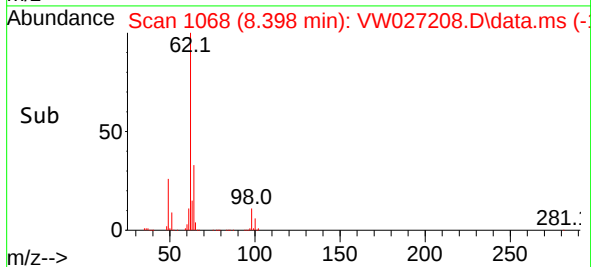
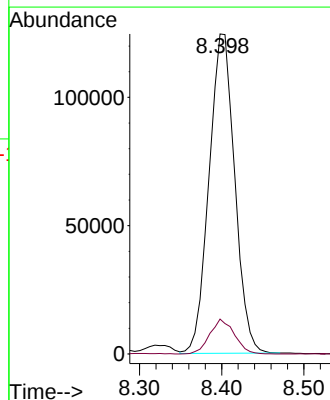
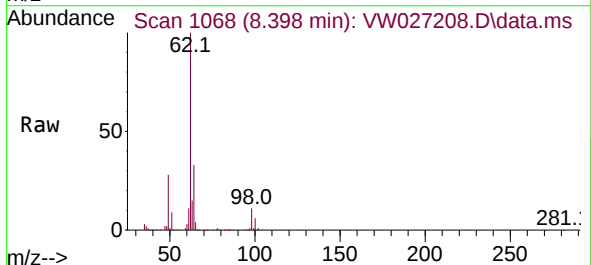
Instrument :
MSVOA_W
ClientSampleId :

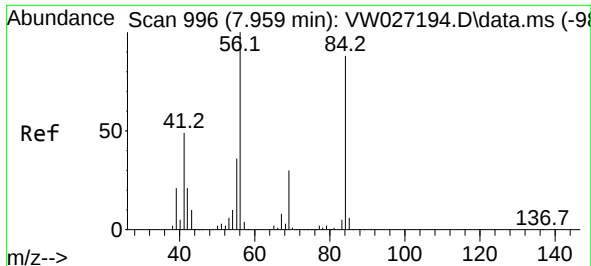
Tgt Ion: 83 Resp: 433267
Ion Ratio Lower Upper
83 100
85 65.5 47.7 88.5



#27
1,2-Dichloroethane
Concen: 23.525 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion: 62 Resp: 270656
Ion Ratio Lower Upper
62 100
98 10.9 7.9 11.9





#29

Cyclohexane

Concen: 22.617 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

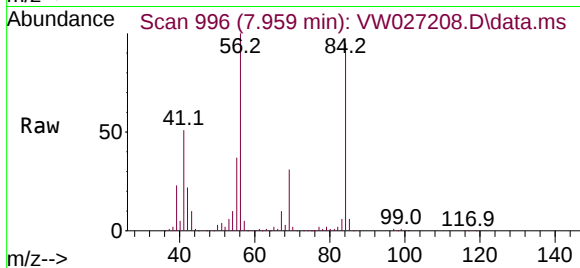
Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :



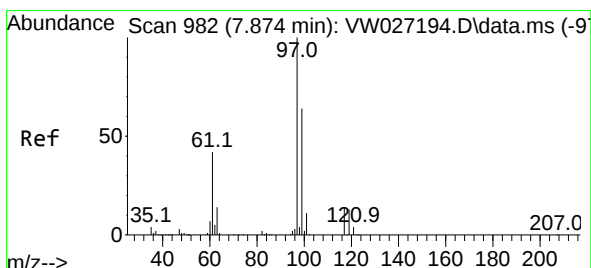
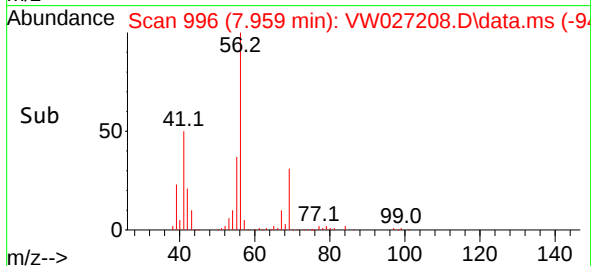
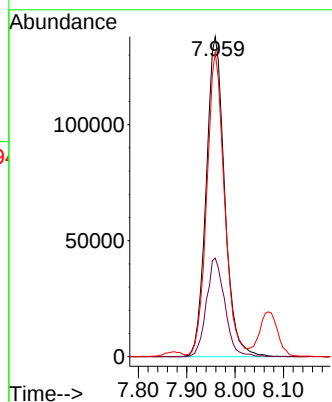
Tgt Ion: 56 Resp: 365649

Ion Ratio Lower Upper

56 100

69 30.5 25.0 37.4

84 91.6 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 22.887 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

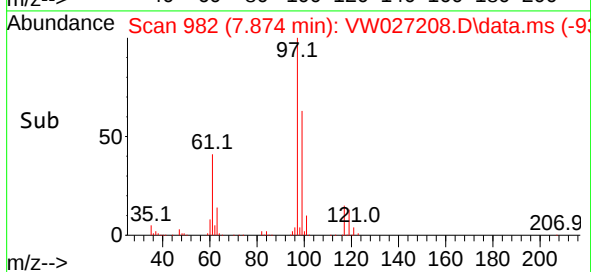
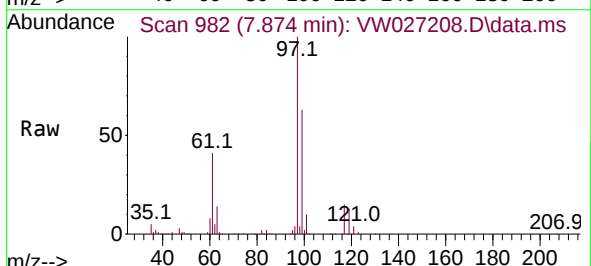
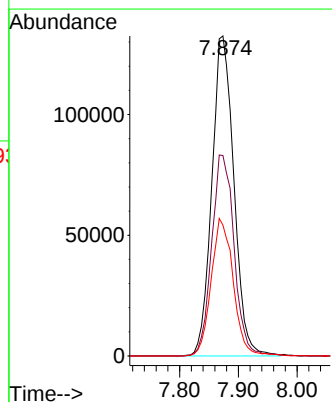
Tgt Ion: 97 Resp: 345727

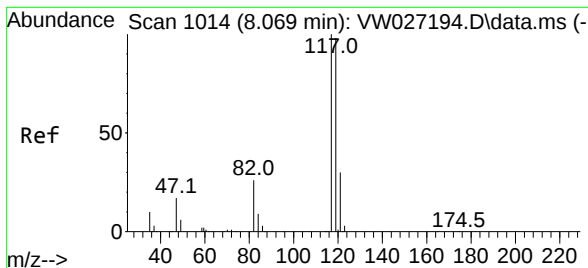
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 43.0 34.6 52.0

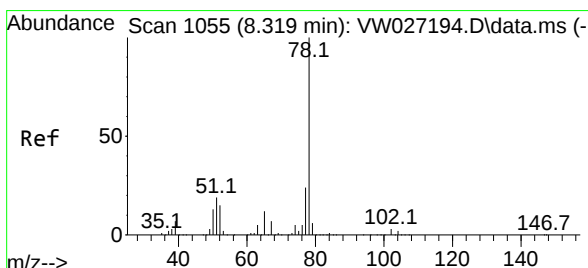
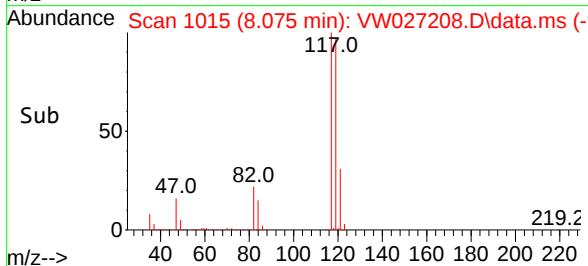
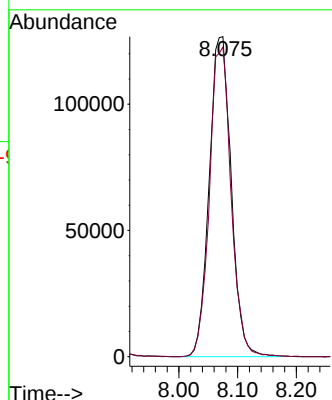
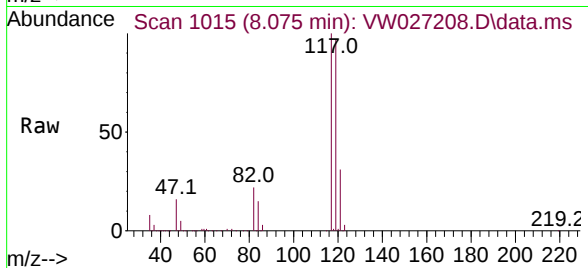




#31
Carbon tetrachloride
Concen: 23.118 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

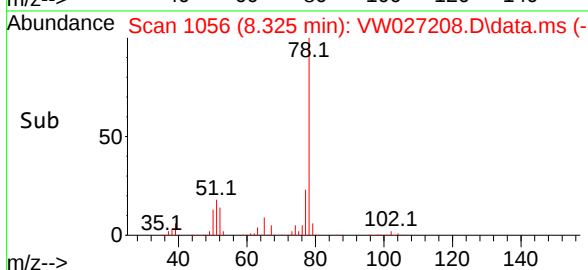
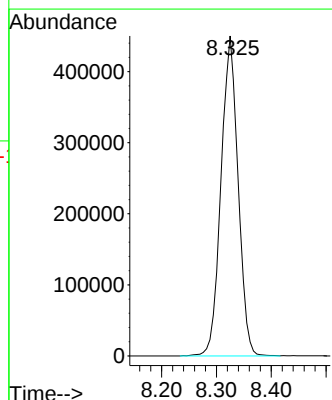
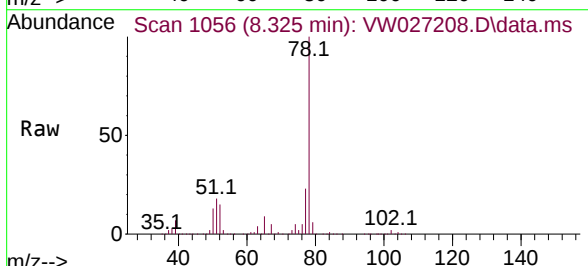
Instrument :
MSVOA_W
ClientSampleId :

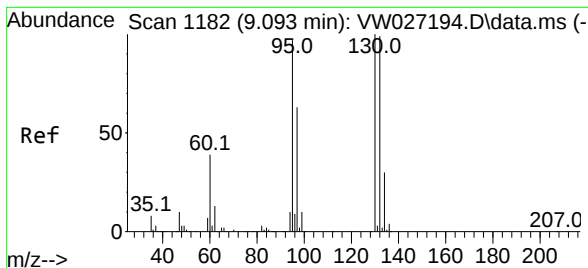
Tgt Ion:117 Resp: 329849
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6



#33
Benzene
Concen: 22.732 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion: 78 Resp: 976338





#34

Trichloroethene

Concen: 22.524 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

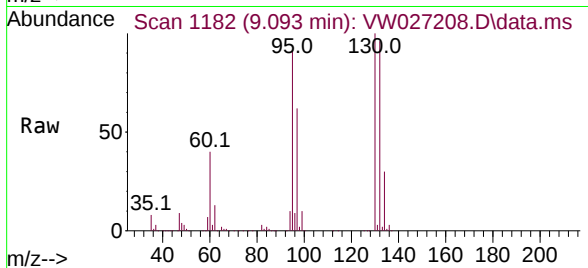
Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 252625

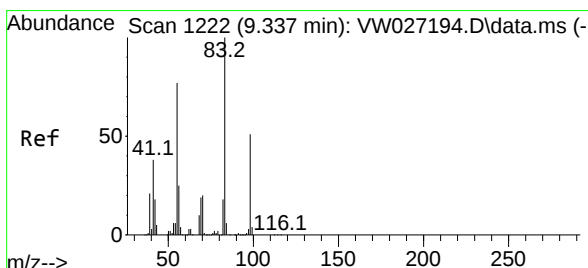
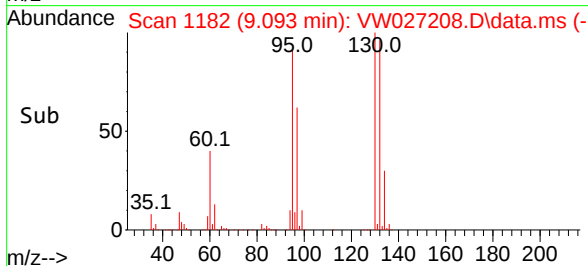
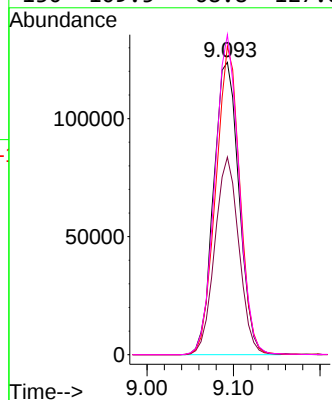
Ion Ratio Lower Upper

95 100

97 67.6 46.1 85.7

132 105.6 71.5 132.9

130 109.5 68.8 127.8



#35

Methylcyclohexane

Concen: 23.195 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

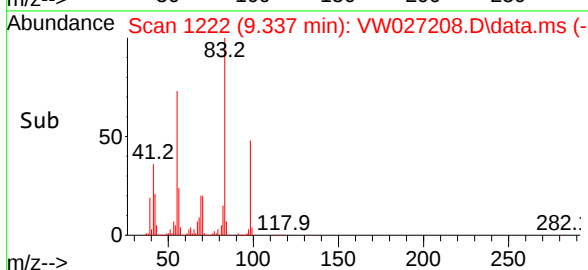
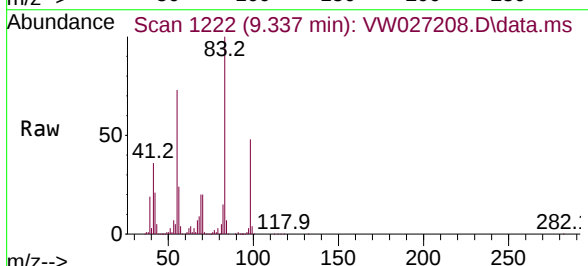
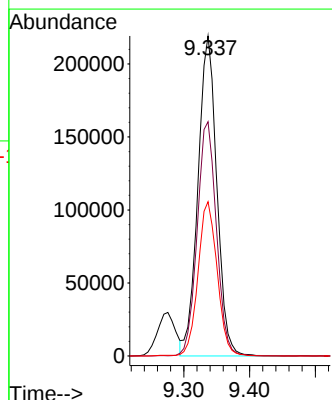
Tgt Ion: 83 Resp: 437559

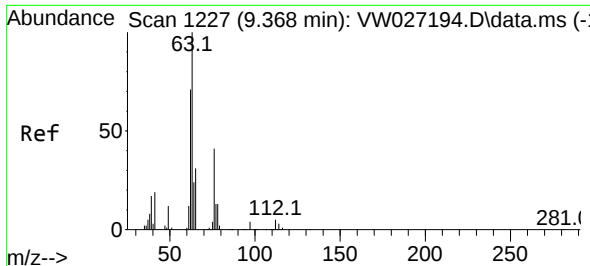
Ion Ratio Lower Upper

83 100

55 74.6 59.1 88.7

98 48.8 38.6 58.0





#37

1,2-Dichloropropane

Concen: 22.634 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

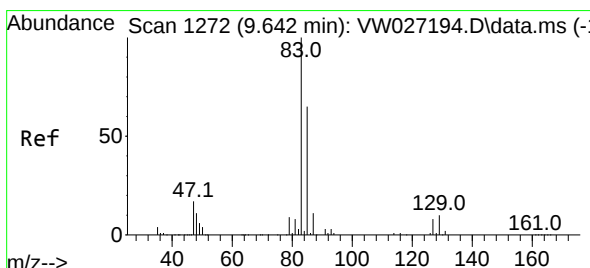
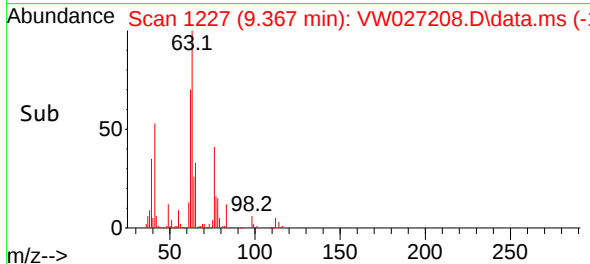
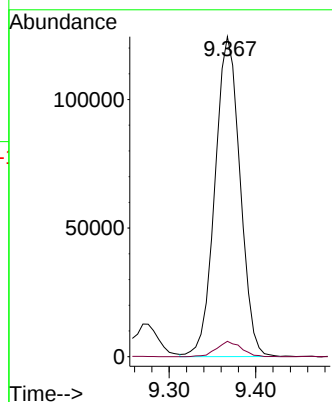
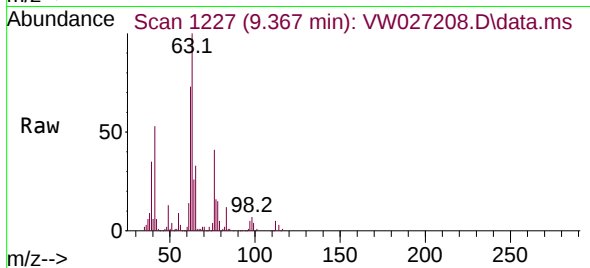
ClientSampleId :

Tgt Ion: 63 Resp: 250489

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 23.279 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

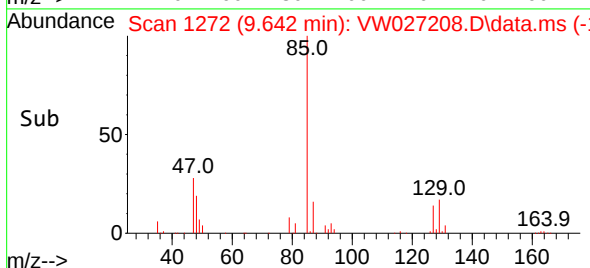
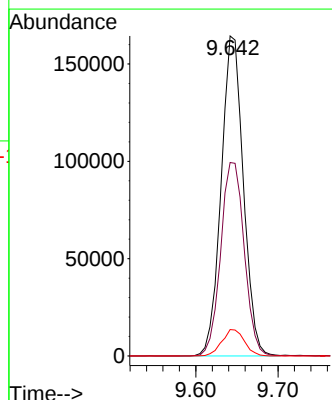
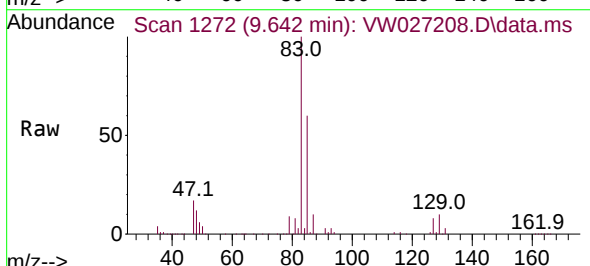
Tgt Ion: 83 Resp: 309416

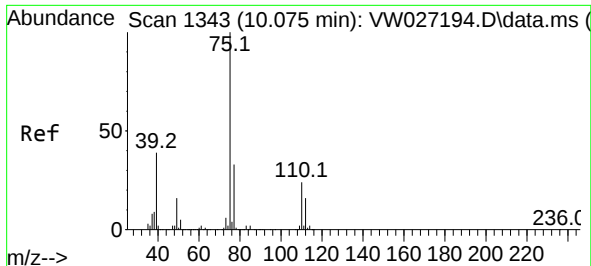
Ion Ratio Lower Upper

83 100

85 60.5 44.7 82.9

127 8.2 7.0 10.6

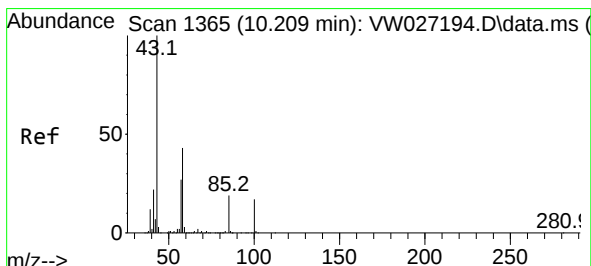
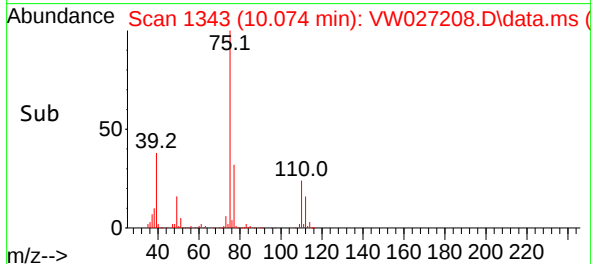
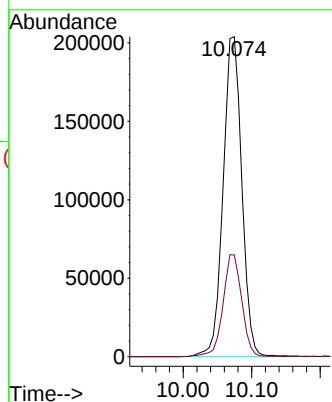
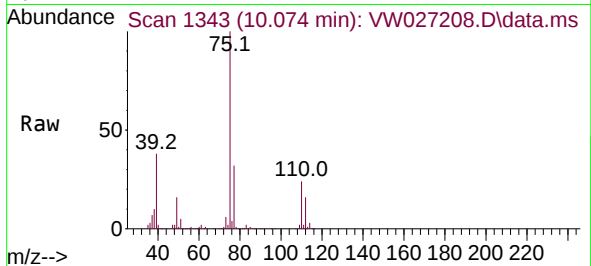




#39
cis-1,3-Dichloropropene
Concen: 23.613 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

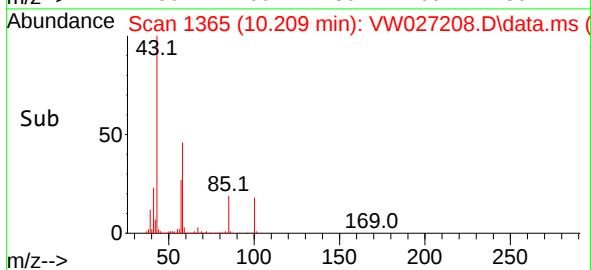
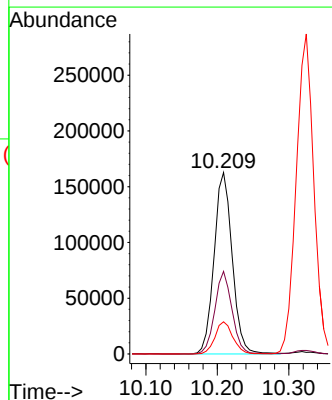
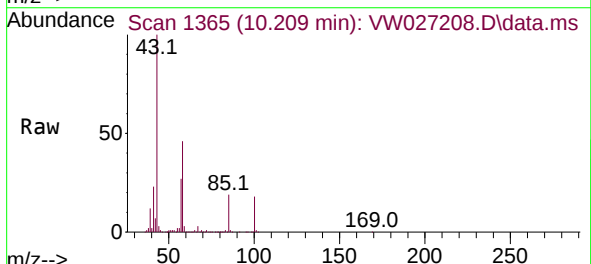
Instrument :
MSVOA_W
ClientSampleId :

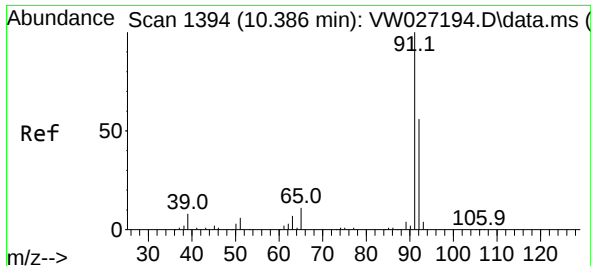
Tgt Ion: 75 Resp: 385043
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 53.422 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion: 43 Resp: 286821
Ion Ratio Lower Upper
43 100
58 43.1 33.8 50.6
100 17.5 13.7 20.5

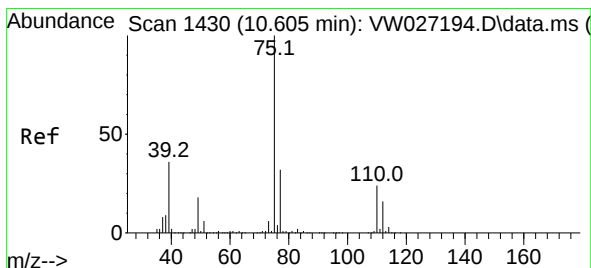
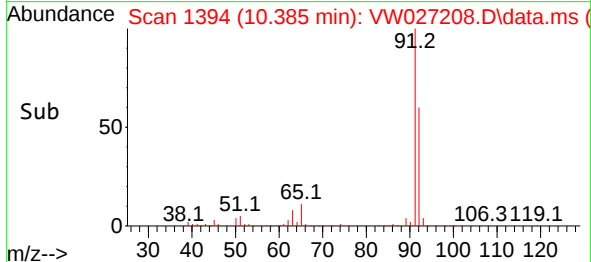
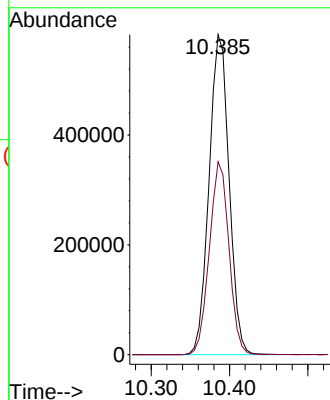
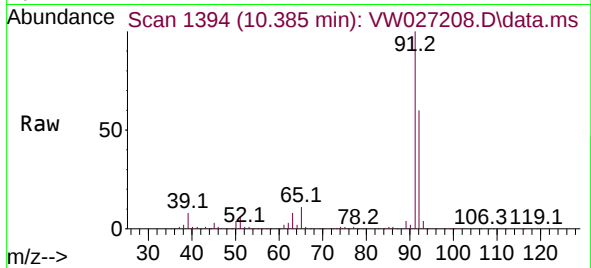




#42
Toluene
Concen: 23.417 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

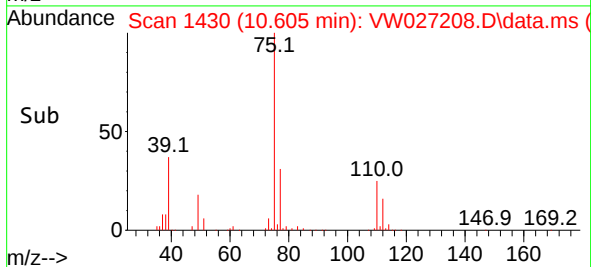
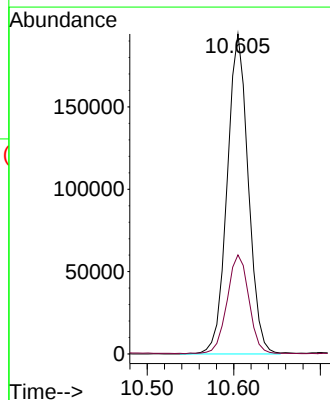
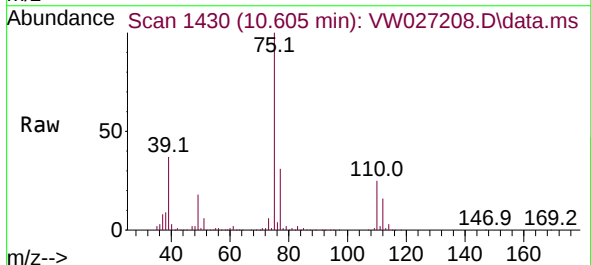
Instrument :
MSVOA_W
ClientSampleId :

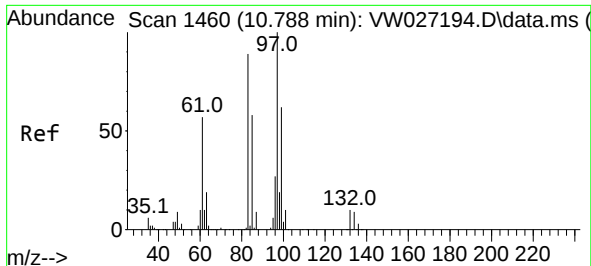
Tgt Ion: 91 Resp: 1032888
Ion Ratio Lower Upper
91 100
92 60.3 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 24.595 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion: 75 Resp: 328694
Ion Ratio Lower Upper
75 100
77 31.0 21.6 40.2

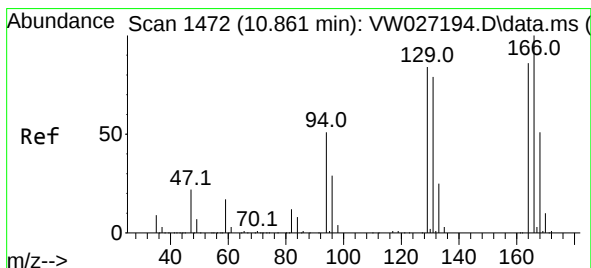
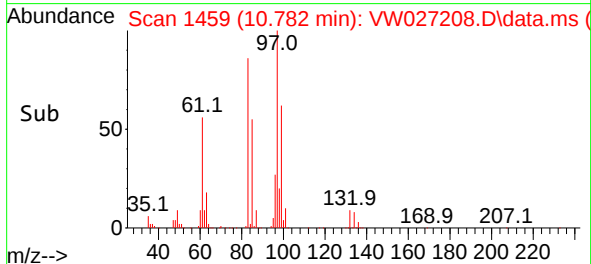
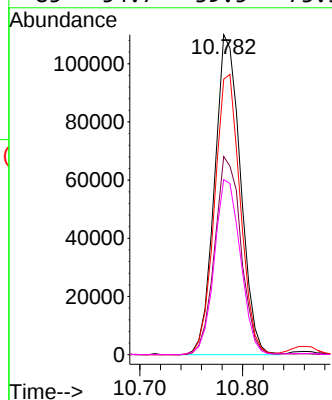
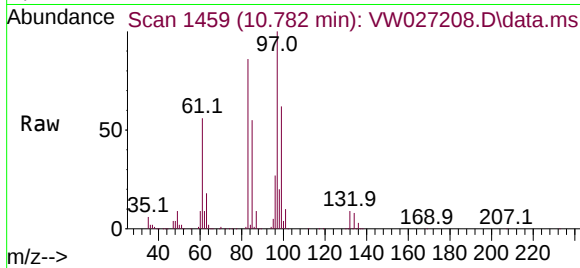




#45
1,1,2-Trichloroethane
Concen: 24.084 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.007 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

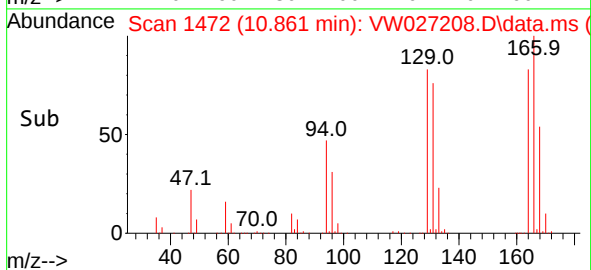
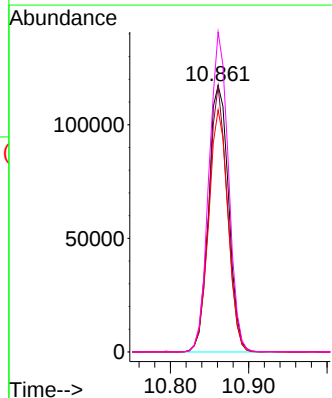
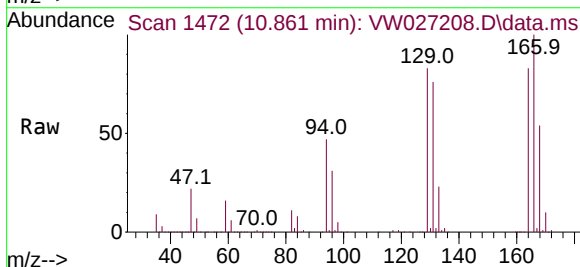
Instrument :
MSVOA_W
ClientSampleId :

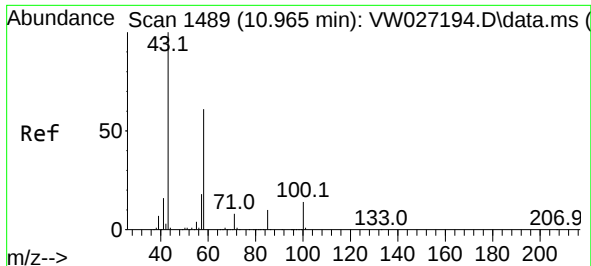
Tgt Ion: 97	Resp: 192887		
Ion	Ratio	Lower	Upper
97	100		
99	61.9	45.3	84.1
83	86.1	59.5	110.5
85	54.7	39.5	73.3



#46
Tetrachloroethene
Concen: 23.537 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt	Ion:164	Resp:	207523
Ion	Ratio	Lower	Upper
164	100		
129	99.7	60.3	112.1
131	90.8	66.1	122.7
166	120.1	89.4	166.0

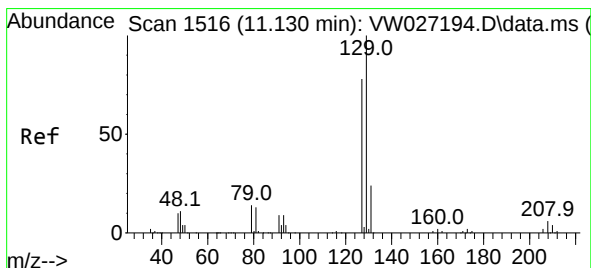
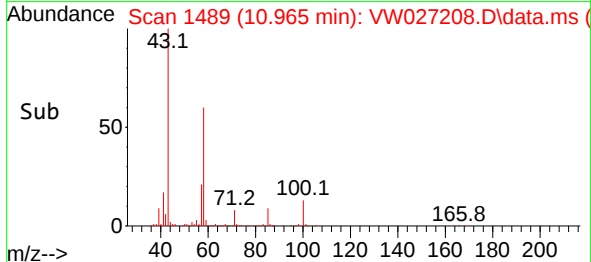
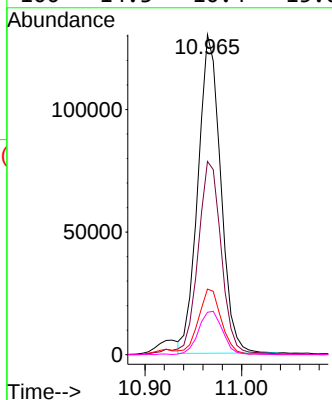
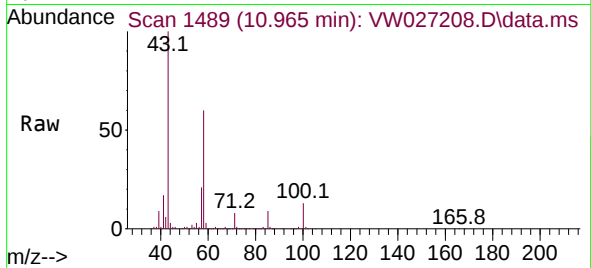




#48
2-Hexanone
Concen: 50.372 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

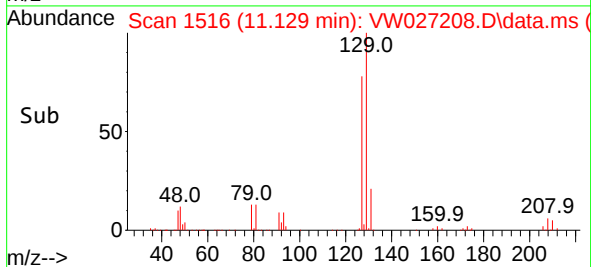
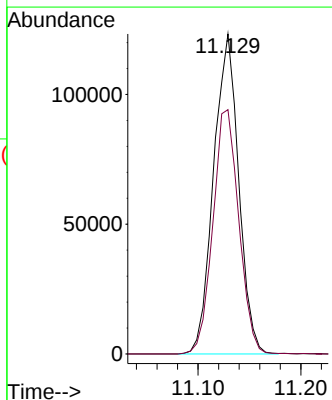
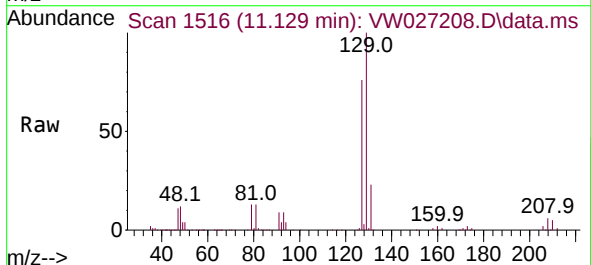
Instrument :
MSVOA_W
ClientSampleId :

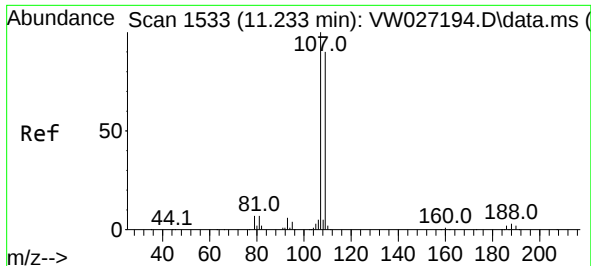
Tgt Ion: 43 Resp: 212017
Ion Ratio Lower Upper
43 100
58 62.3 47.2 70.8
57 20.8 15.9 23.9
100 14.3 10.4 15.6



#49
Dibromochloromethane
Concen: 24.057 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion:129 Resp: 208957
Ion Ratio Lower Upper
129 100
127 76.3 54.2 100.6





#50

1,2-Dibromoethane

Concen: 24.360 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :

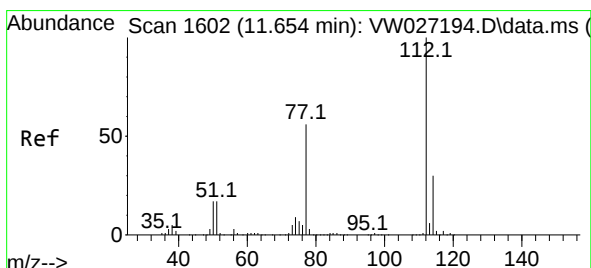
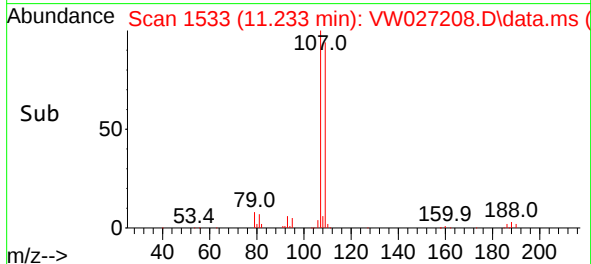
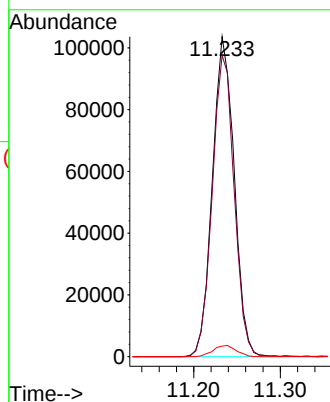
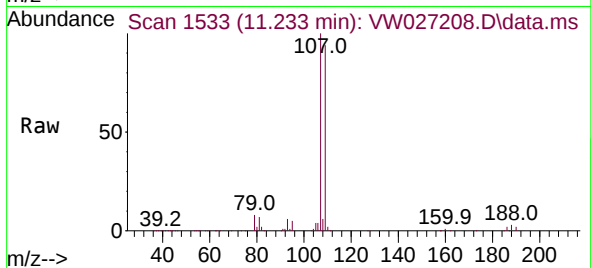
Tgt Ion:107 Resp: 181035

Ion Ratio Lower Upper

107 100

109 94.2 68.2 126.6

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 22.870 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

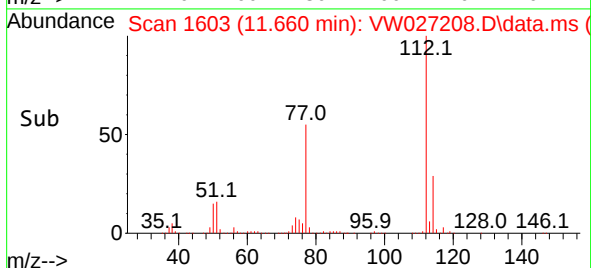
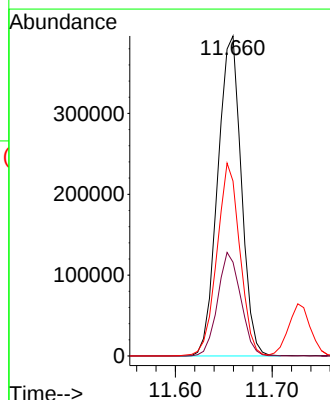
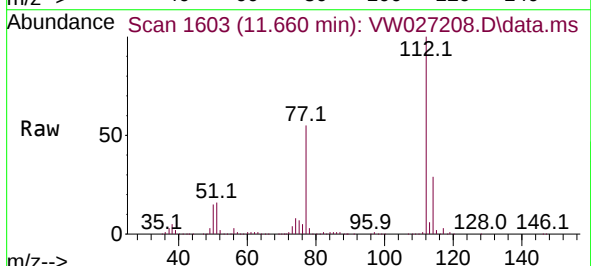
Tgt Ion:112 Resp: 669413

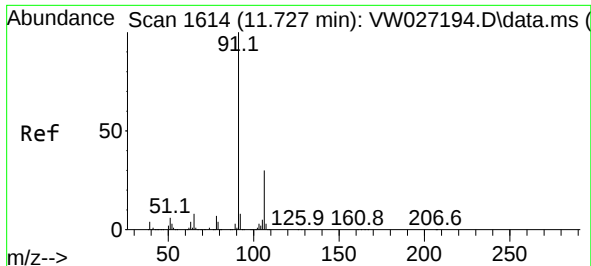
Ion Ratio Lower Upper

112 100

114 29.3 21.9 40.7

77 54.7 47.4 71.0

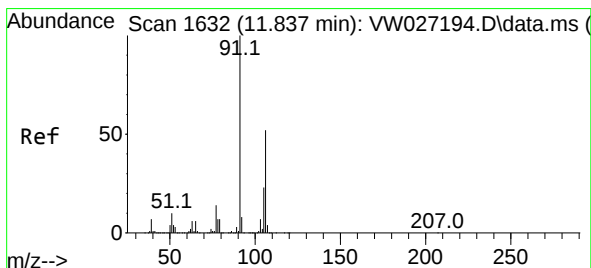
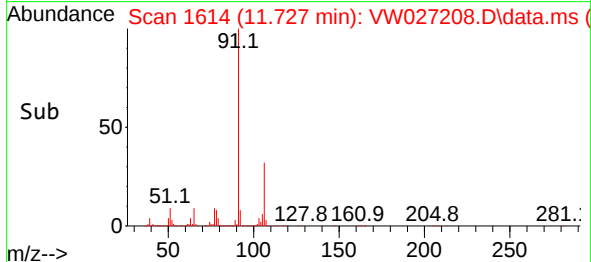
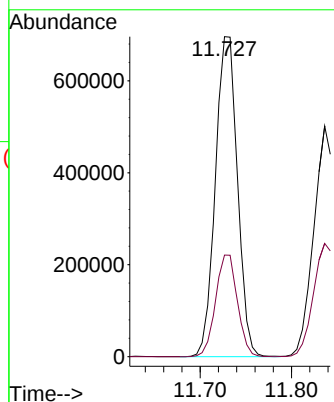
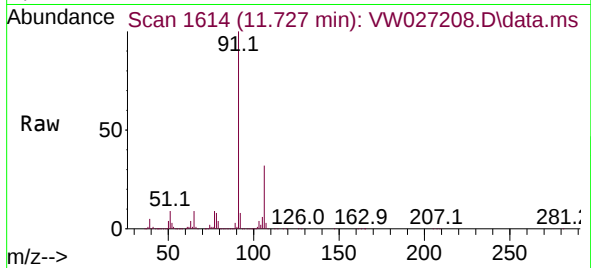




#52
Ethylbenzene
Concen: 23.601 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

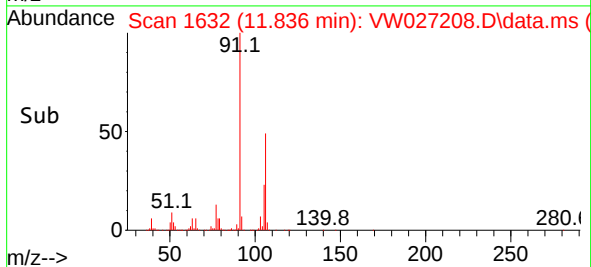
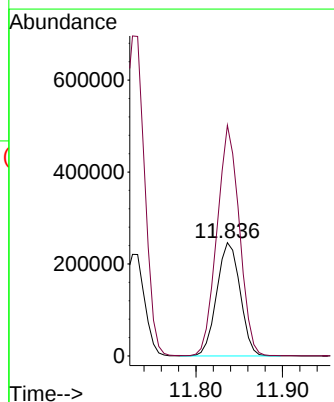
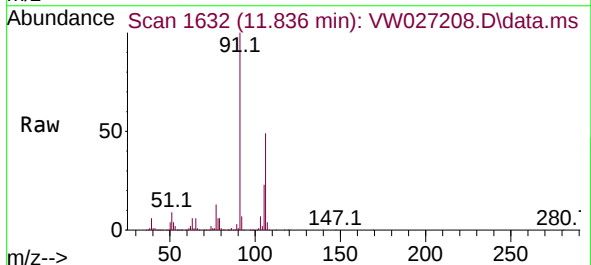
Instrument :
MSVOA_W
ClientSampleId :

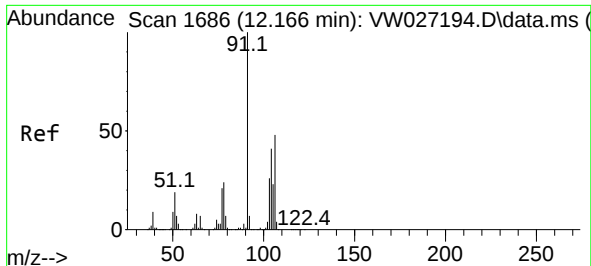
Tgt Ion: 91 Resp: 1169460
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.6



#53
m,p-Xylene
Concen: 24.311 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion:106 Resp: 461911
Ion Ratio Lower Upper
106 100
91 203.8 145.9 270.9

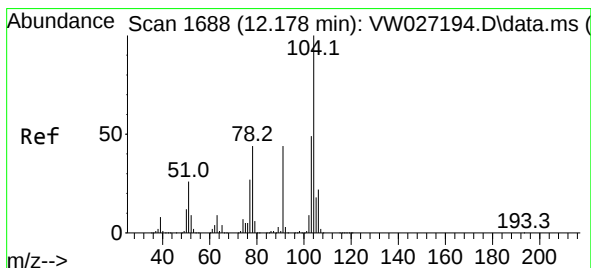
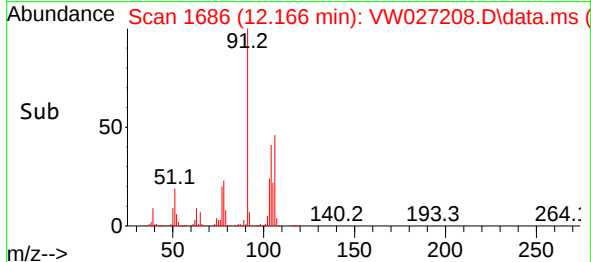
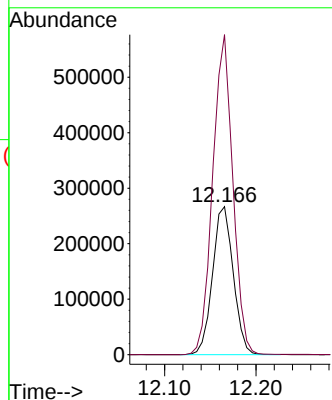
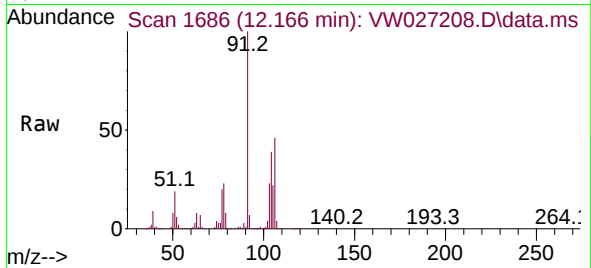




#54
o-Xylene
Concen: 23.679 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

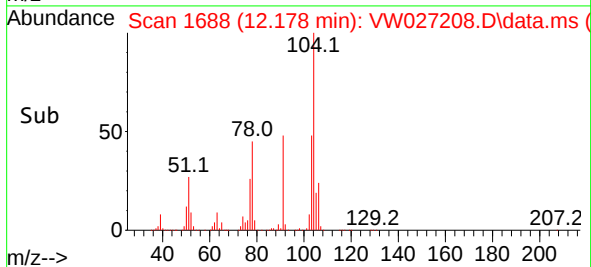
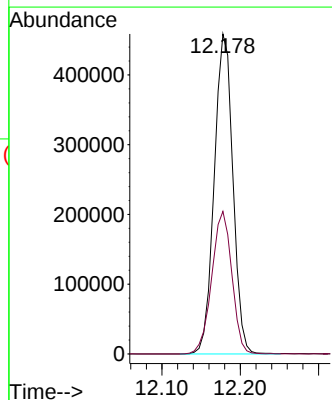
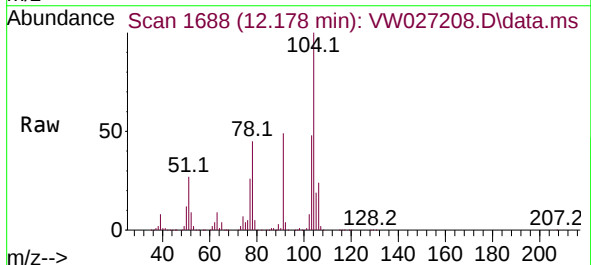
Instrument :
MSVOA_W
ClientSampleId :

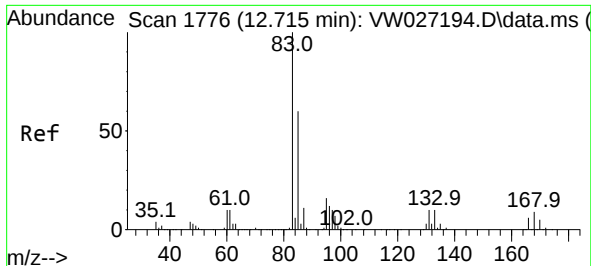
Tgt Ion:106 Resp: 420277
Ion Ratio Lower Upper
106 100
91 216.3 149.5 277.7



#55
Styrene
Concen: 24.877 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion:104 Resp: 760080
Ion Ratio Lower Upper
104 100
78 44.6 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.289 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :

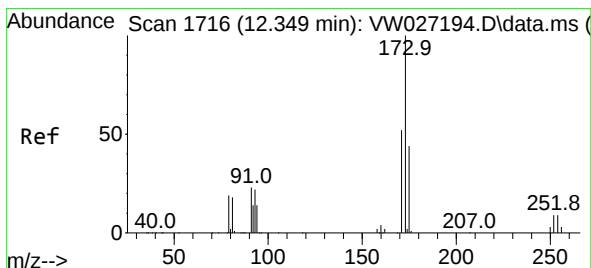
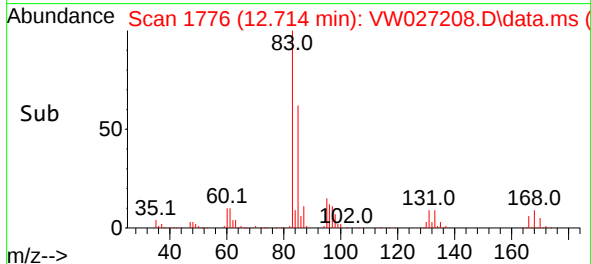
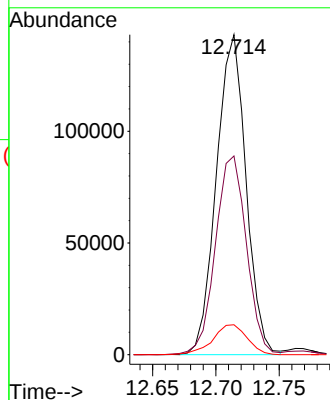
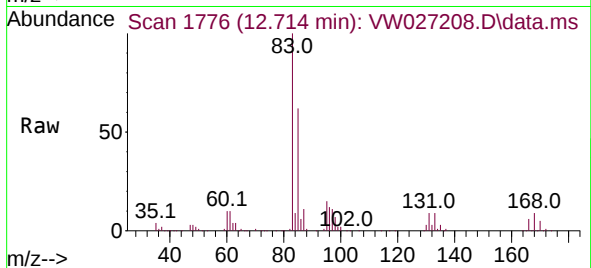
Tgt Ion: 83 Resp: 233329

Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7

131 9.4 7.6 11.4



#59

Bromoform

Concen: 24.072 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

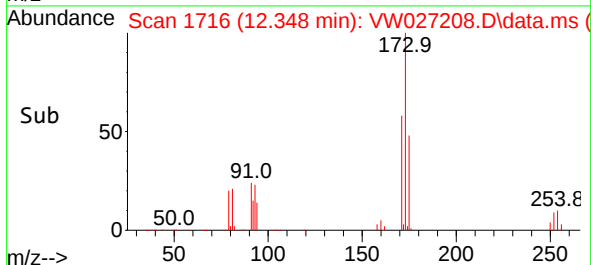
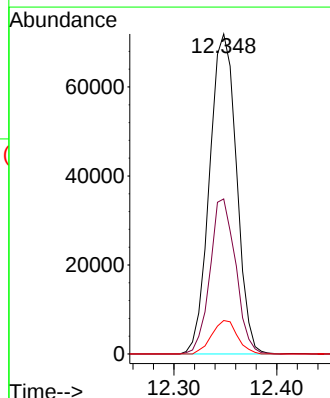
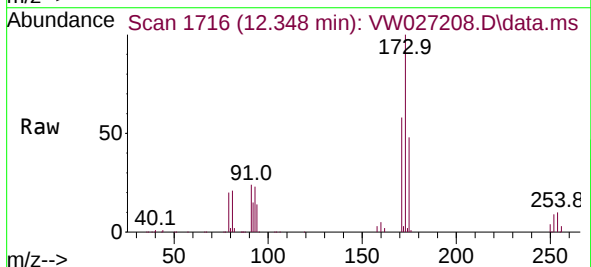
Tgt Ion:173 Resp: 130822

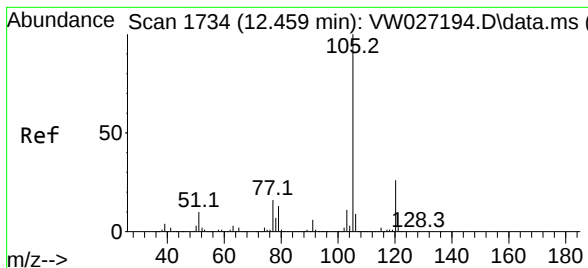
Ion Ratio Lower Upper

173 100

175 46.1 37.1 55.7

254 10.0 7.2 10.8





#60

Isopropylbenzene

Concen: 23.132 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :

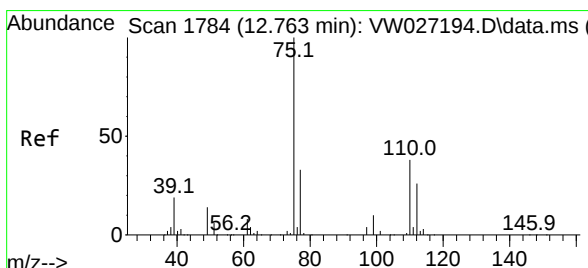
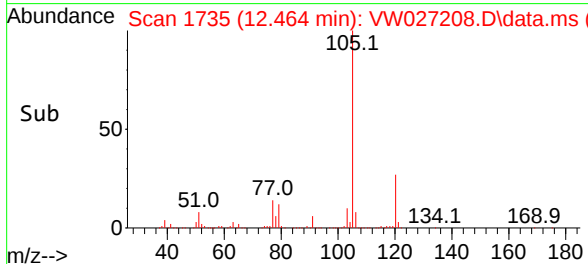
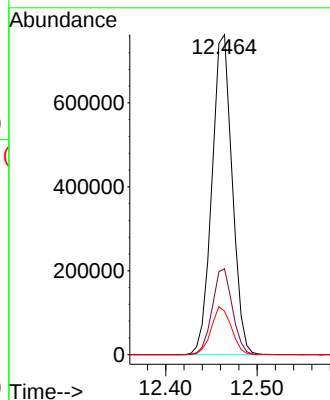
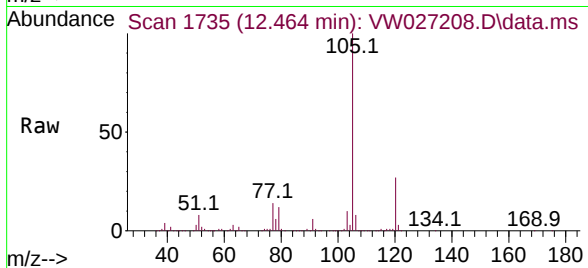
Tgt Ion:105 Resp: 1172321

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 14.9 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 24.230 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

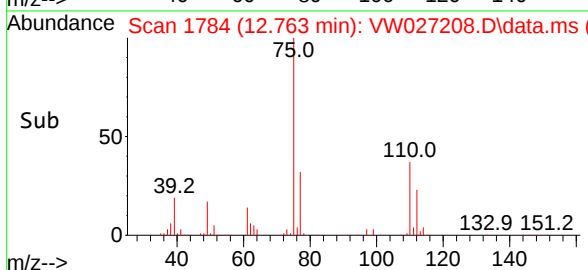
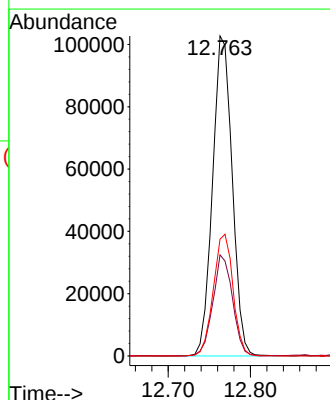
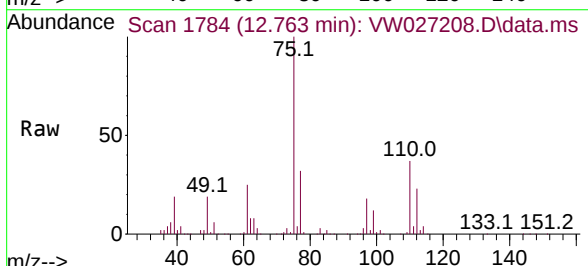
Tgt Ion: 75 Resp: 170724

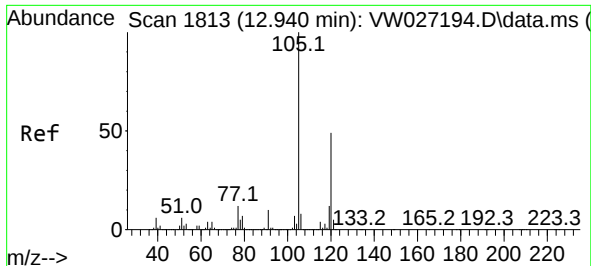
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

110 38.1 31.2 46.8

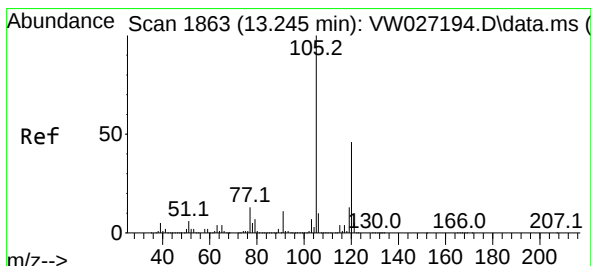
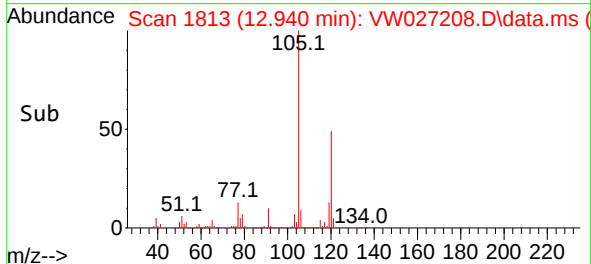
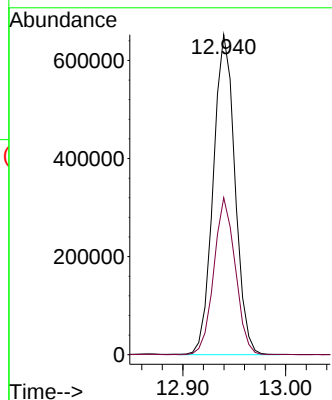
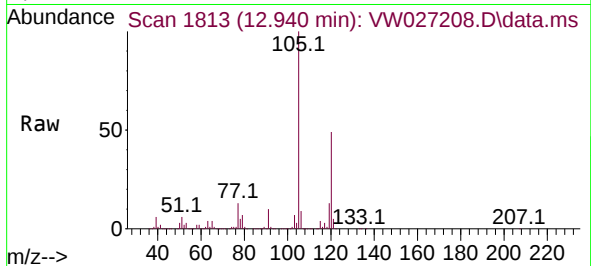




#62
 1,3,5-Trimethylbenzene
 Concen: 24.102 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW027208.D
 Acq: 03 Oct 2023 18:19

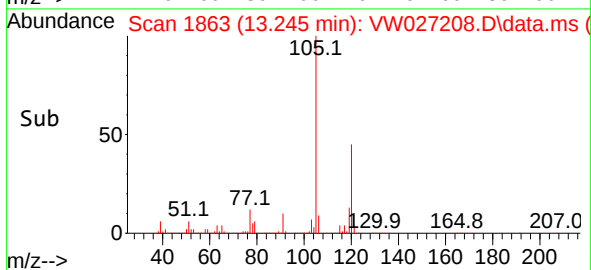
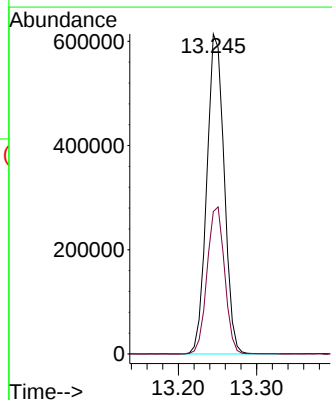
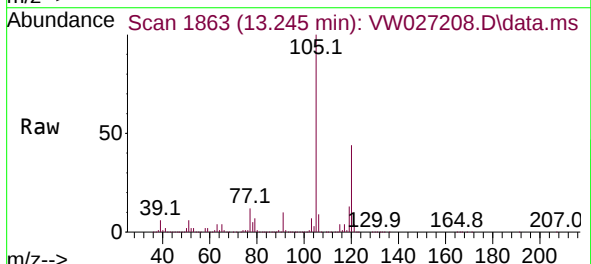
Instrument :
 MSVOA_W
 ClientSampleId :

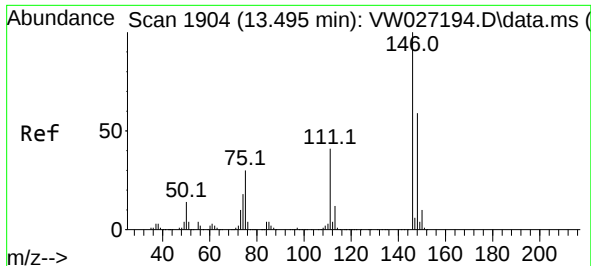
Tgt Ion:105 Resp: 957659
 Ion Ratio Lower Upper
 105 100
 120 48.3 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 24.237 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW027208.D
 Acq: 03 Oct 2023 18:19

Tgt Ion:105 Resp: 943749
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.8 55.2

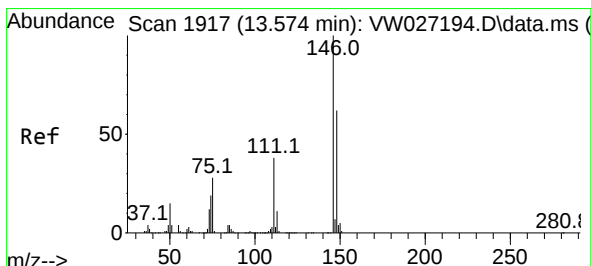
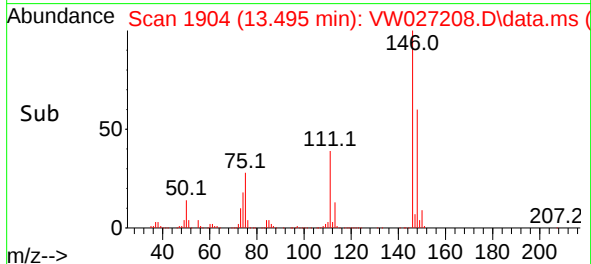
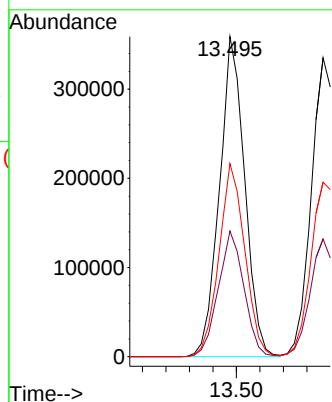
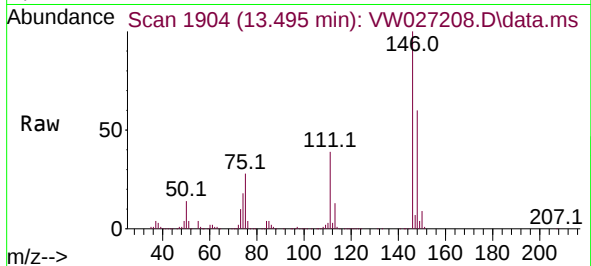




#64
1,3-Dichlorobenzene
Concen: 22.917 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

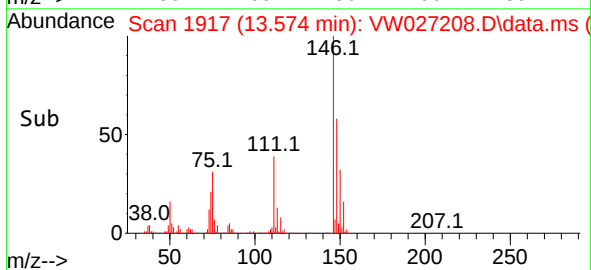
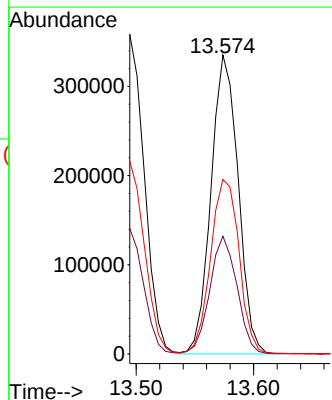
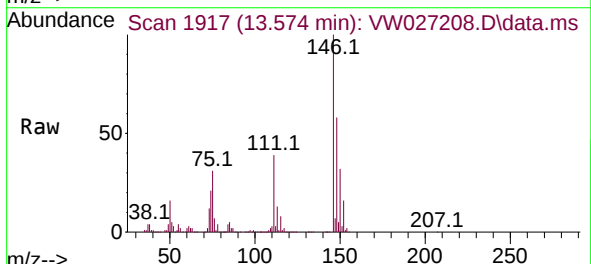
Instrument :
MSVOA_W
ClientSampleId :

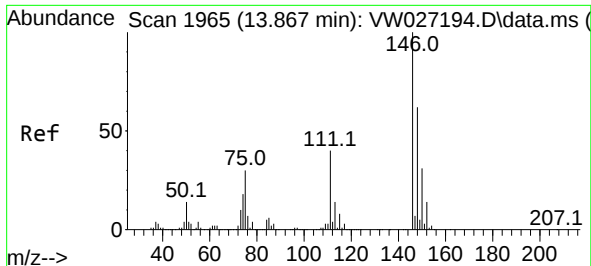
Tgt Ion:146 Resp: 536022
Ion Ratio Lower Upper
146 100
111 39.2 26.9 50.1
148 60.4 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 22.945 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027208.D
Acq: 03 Oct 2023 18:19

Tgt Ion:146 Resp: 539210
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 58.4 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 23.001 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :

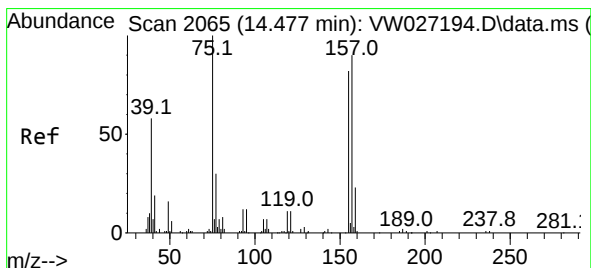
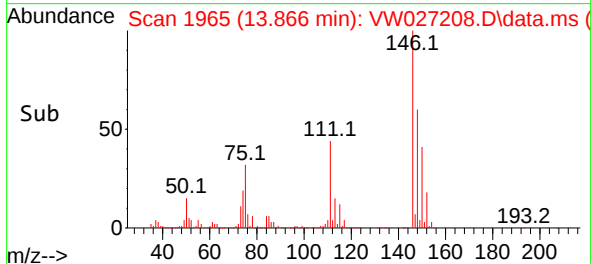
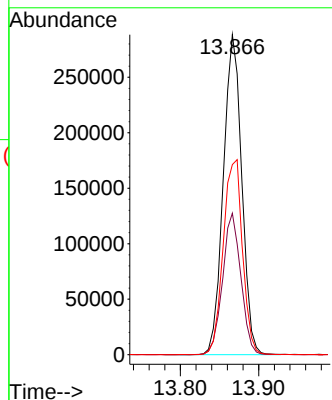
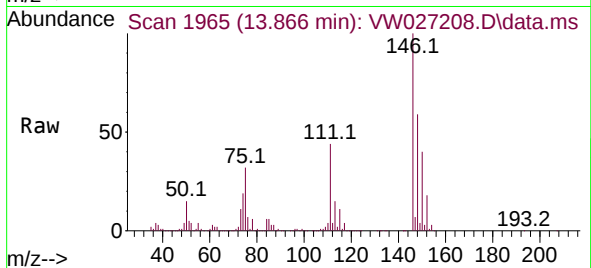
Tgt Ion:146 Resp: 471571

Ion Ratio Lower Upper

146 100

111 44.2 35.6 53.4

148 59.4 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.983 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

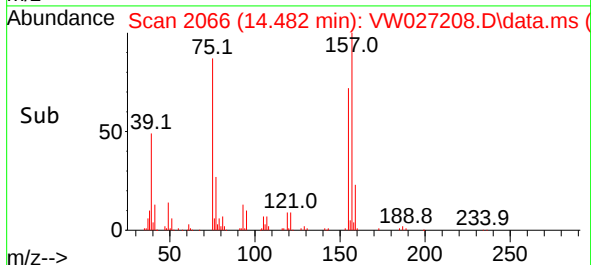
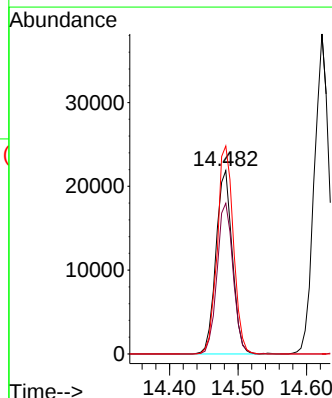
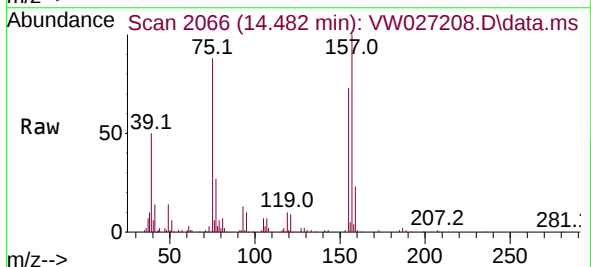
Tgt Ion: 75 Resp: 36198

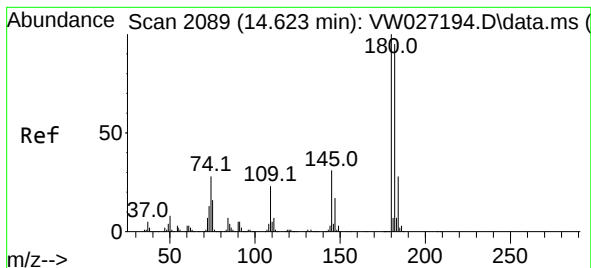
Ion Ratio Lower Upper

75 100

155 82.3 56.5 84.7

157 113.5 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 23.431 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

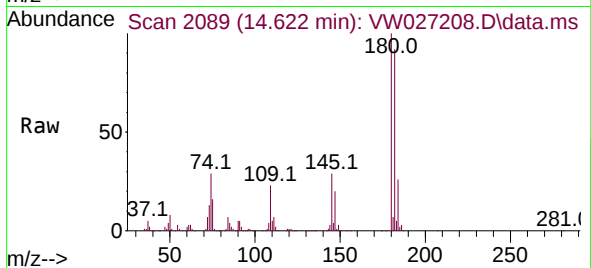
Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 352901

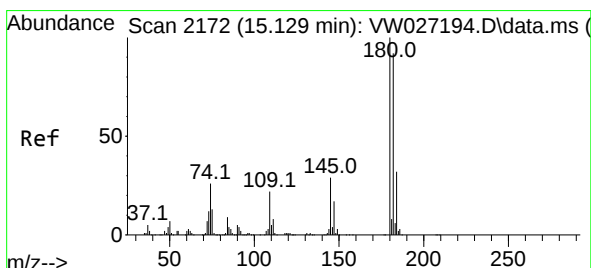
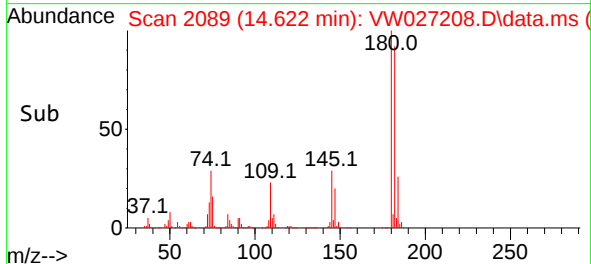
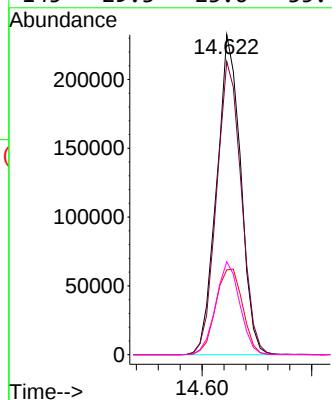
Ion Ratio Lower Upper

180 100

182 94.7 70.2 105.2

184 30.1 24.6 37.0

145 29.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 23.919 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

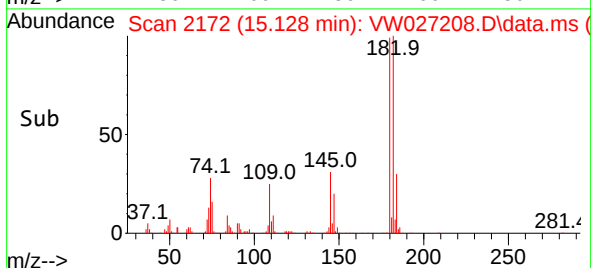
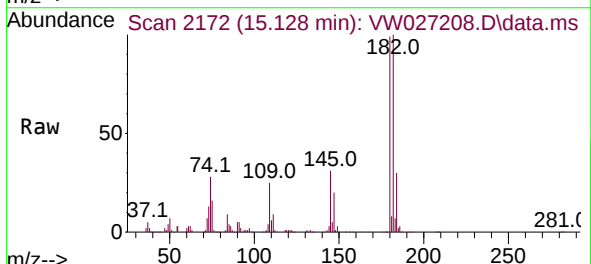
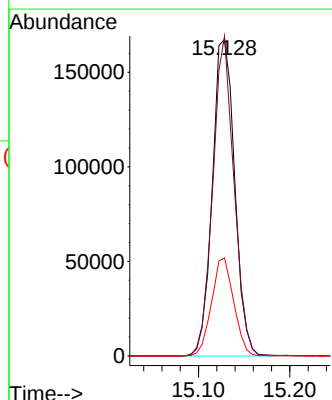
Tgt Ion:180 Resp: 284219

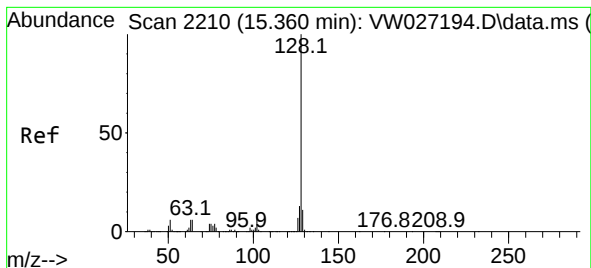
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.2

145 30.8 24.3 36.5





#71

Naphthalene

Concen: 25.810 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Instrument :

MSVOA_W

ClientSampleId :

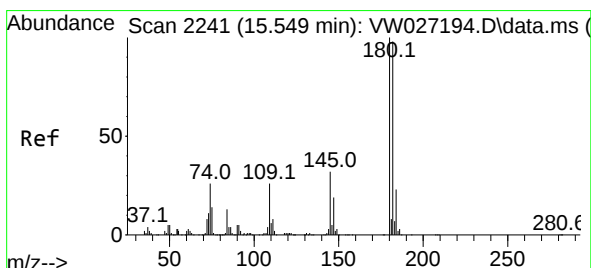
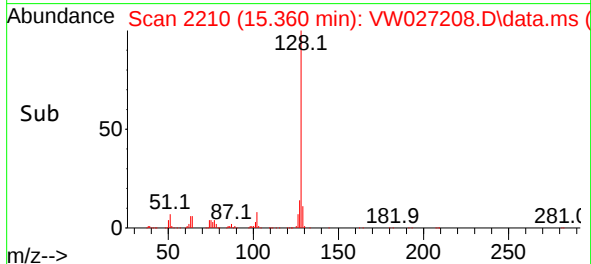
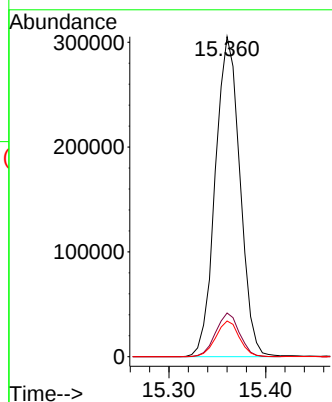
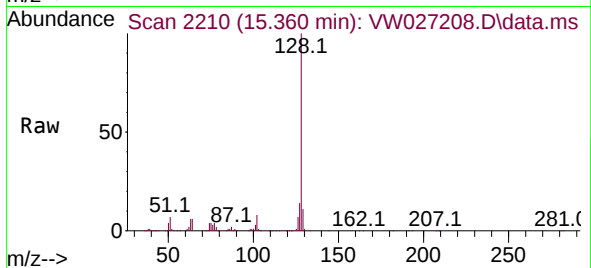
Tgt Ion:128 Resp: 541135

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.029 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027208.D

Acq: 03 Oct 2023 18:19

Tgt Ion:180 Resp: 264012

Ion Ratio Lower Upper

180 100

182 93.6 74.7 112.1

145 31.9 26.4 39.6

