

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027226.D
 Acq On : 04 Oct 2023 18:39
 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 22:53:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	516861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	521614	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295791	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	256126	31.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.160%	
7) Chloroethane-d5	2.899	69	213086	33.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.800%	
11) 1,1-Dichloroethene-d2	4.027	65	77723	23.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.160%	
21) 2-Butanone-d5	7.075	46	96690	57.595	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 115.200%	
24) Chloroform-d	7.648	84	384458	25.415	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.680%	
26) 1,2-Dichloroethane-d4	8.307	65	187231	25.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.320%	
32) Benzene-d6	8.276	84	769512	24.071	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.280%	
36) 1,2-Dichloropropane-d6	9.270	67	211110	22.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 88.240%	
41) Toluene-d8	10.325	98	799674	28.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.400%	
43) trans-1,3-Dichloroprop...	10.575	79	94121	25.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.240%	
47) 2-Hexanone-d5	10.922	63	85422	58.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.700%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	192078	26.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.880%	
66) 1,2-Dichlorobenzene-d4	13.849	152	235392	23.735	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.027	85	155612	23.170	ug/L	98
3) Chloromethane	2.229	50	295088	32.551	ug/L	99
5) Vinyl chloride	2.381	62	344395	34.795	ug/L	98
6) Bromomethane	2.790	94	212449	32.580	ug/L	96
8) Chloroethane	2.936	64	214983	35.789	ug/L	98
9) Trichlorofluoromethane	3.265	101	234577	28.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	207644	24.809	ug/L #	68
12) 1,1-Dichloroethene	4.052	96	199667	24.971	ug/L	92
13) Acetone	4.125	43	111301	53.653	ug/L	98
14) Carbon disulfide	4.393	76	628146	23.405	ug/L	99
15) Methyl Acetate	4.673	43	96246	27.681	ug/L	99
16) Methylene chloride	4.929	84	265273	26.218	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	216439	25.157	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	291991	27.120	ug/L	99
19) 1,1-Dichloroethane	6.222	63	405608	25.280	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	236604	25.799	ug/L	94
22) 2-Butanone	7.173	43	145358	56.656	ug/L	99
23) Bromochloromethane	7.520	128	105855	25.295	ug/L	92
25) Chloroform	7.679	83	415386	26.544	ug/L	89

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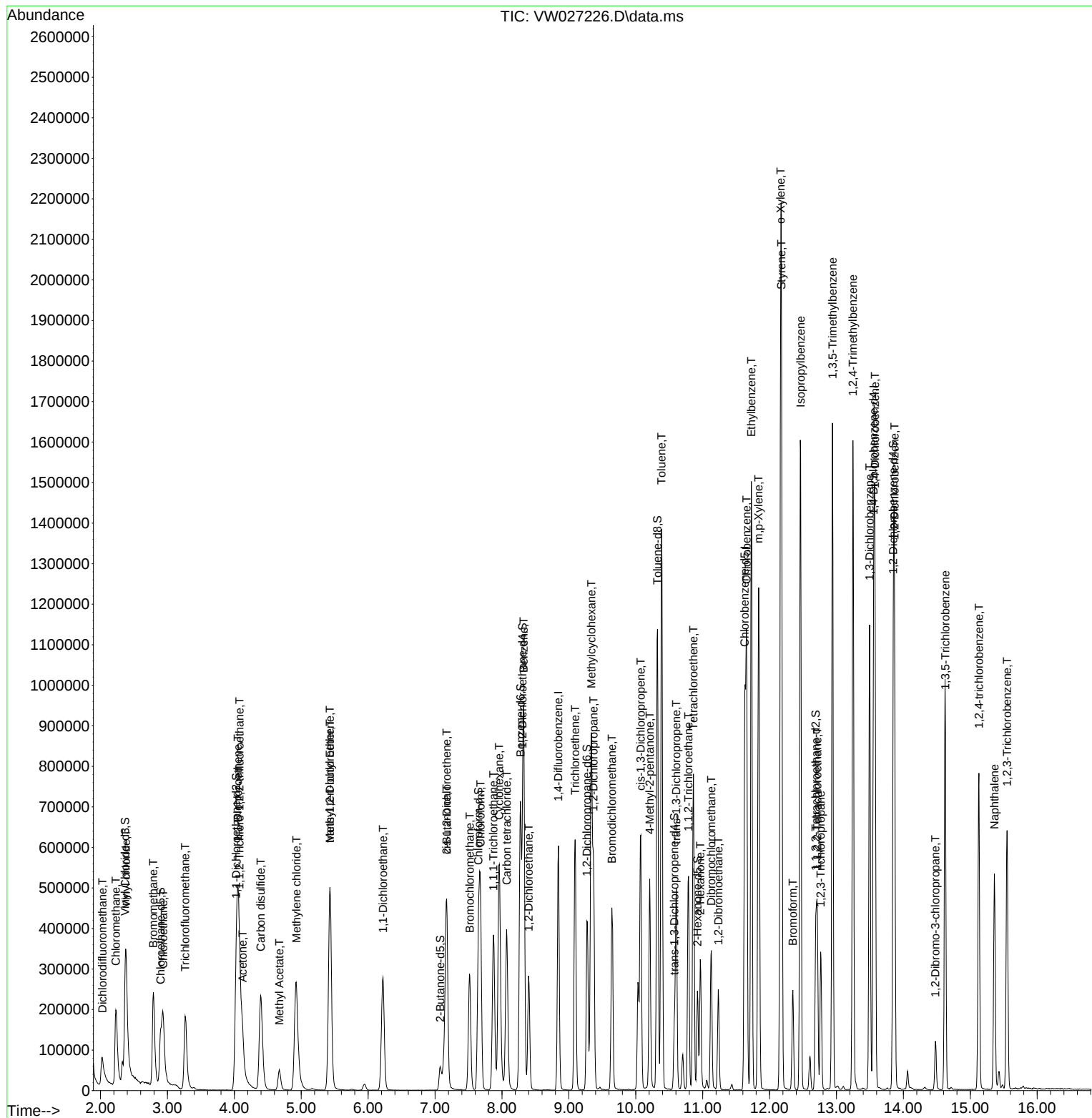
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	249605	26.038	ug/L	98
29) Cyclohexane	7.959	56	337418	24.314	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	327693	25.272	ug/L	99
31) Carbon tetrachloride	8.069	117	304607	24.872	ug/L	99
33) Benzene	8.325	78	888939	24.112	ug/L	100
34) Trichloroethene	9.093	95	226073	23.482	ug/L	97
35) Methylcyclohexane	9.337	83	369736	22.833	ug/L	98
37) 1,2-Dichloropropane	9.368	63	215182	22.652	ug/L	100
38) Bromodichloromethane	9.642	83	329586	28.888	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	397208	28.378	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	323450	70.185	ug/L	100
42) Toluene	10.386	91	1071111	28.291	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	291018	25.369	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	171025	24.878	ug/L	97
46) Tetrachloroethene	10.861	164	178090	23.532	ug/L	89
48) 2-Hexanone	10.965	43	188879	52.279	ug/L	97
49) Dibromochloromethane	11.130	129	189796	25.457	ug/L	96
50) 1,2-Dibromoethane	11.233	107	160431	25.149	ug/L	97
51) Chlorobenzene	11.654	112	608123	24.204	ug/L	100
52) Ethylbenzene	11.727	91	1058571	24.888	ug/L	98
53) m,p-Xylene	11.837	106	410269	25.156	ug/L	99
54) o-Xylene	12.166	106	387250	25.418	ug/L	98
55) Styrene	12.178	104	688348	26.247	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	211724	25.677	ug/L	96
59) Bromoform	12.349	173	116130	24.863	ug/L	95
60) Isopropylbenzene	12.465	105	1062135	24.385	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	146549	24.200	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	868600	25.435	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	859328	25.678	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	492887	24.518	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	489133	24.218	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	431474	24.487	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	33329	25.694	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	316568	24.455	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	260888	25.545	ug/L	97
71) Naphthalene	15.360	128	456061	25.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	229304	25.294	ug/L	99

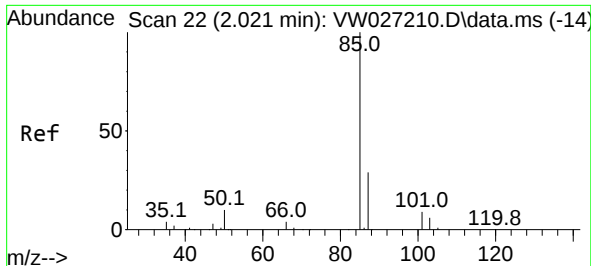
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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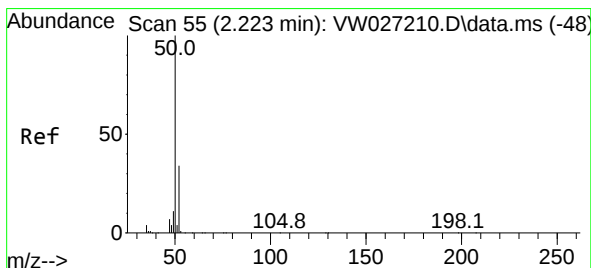
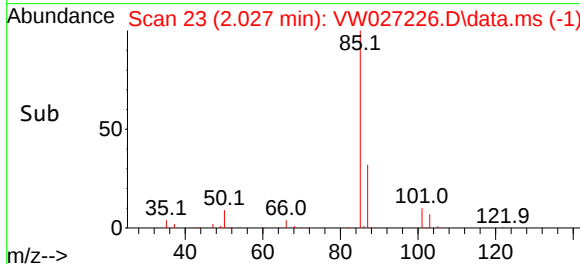
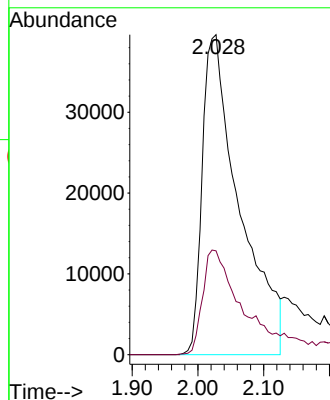
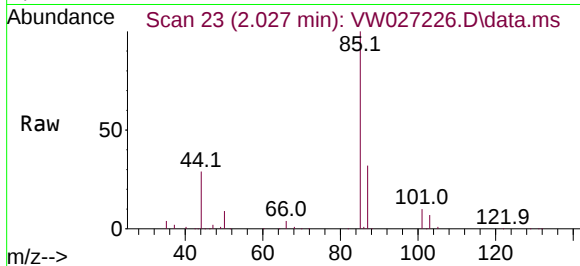




#2
 Dichlorodifluoromethane
 Concen: 23.170 ug/L
 RT: 2.027 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027226.D
 Acq: 04 Oct 2023 18:39

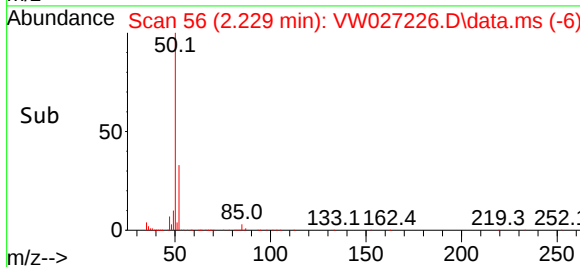
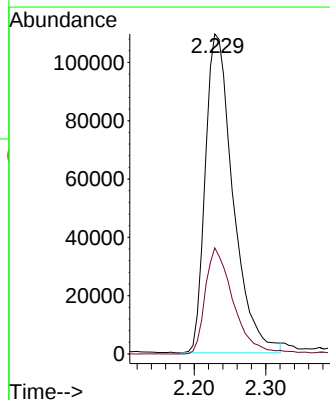
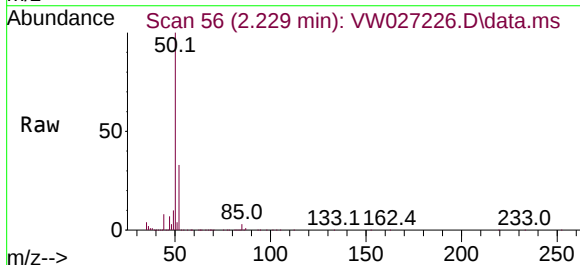
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 ClientSampleId :

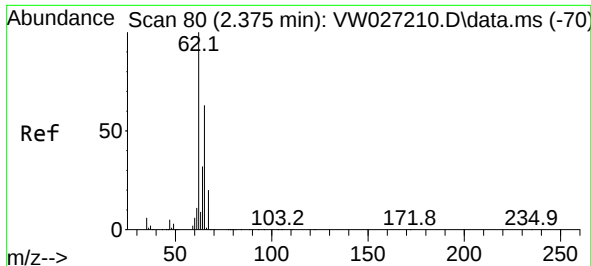
Tgt Ion: 85 Resp: 155612
 Ion Ratio Lower Upper
 85 100
 87 28.5 22.1 33.1



#3
 Chloromethane
 Concen: 32.551 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027226.D
 Acq: 04 Oct 2023 18:39

Tgt Ion: 50 Resp: 295088
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.5 43.7

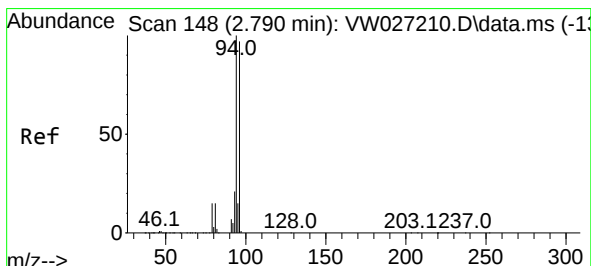
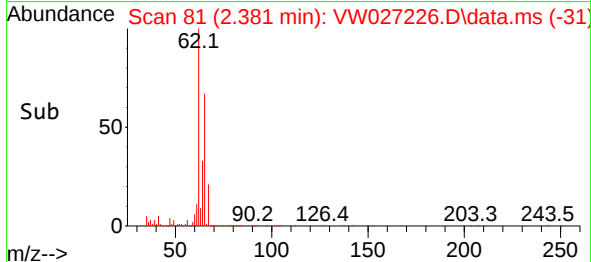
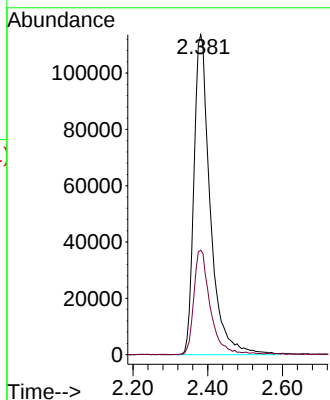
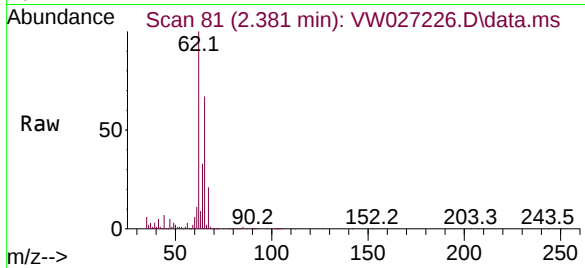




#5
 Vinyl chloride
 Concen: 34.795 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027226.D
 Acq: 04 Oct 2023 18:39

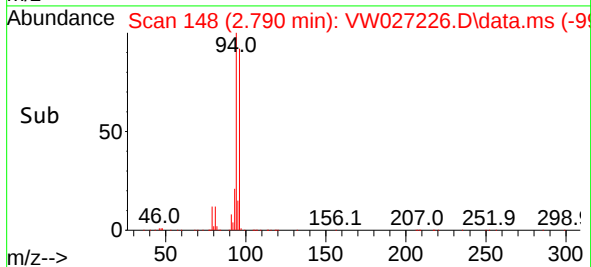
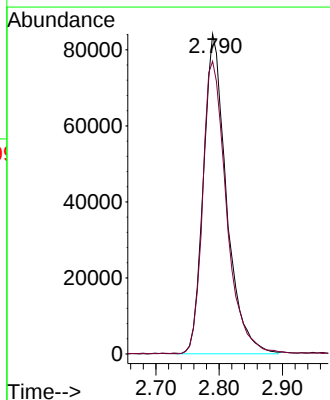
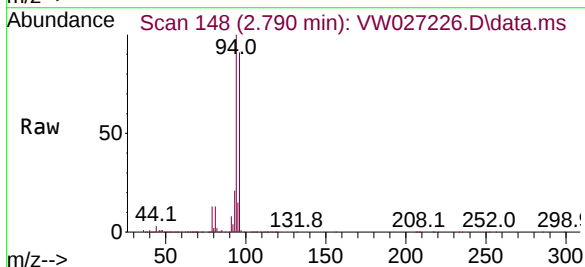
Instrument :
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 ClientSampleId :

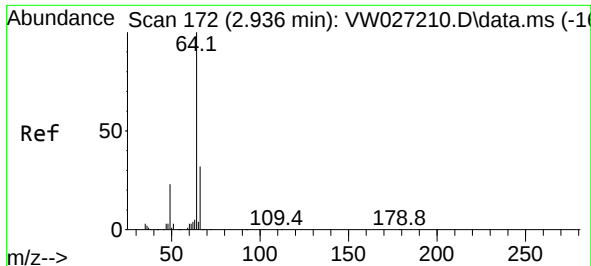
Tgt Ion: 62 Resp: 344395
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.2 41.2



#6
 Bromomethane
 Concen: 32.580 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027226.D
 Acq: 04 Oct 2023 18:39

Tgt Ion: 94 Resp: 212449
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.8 124.0

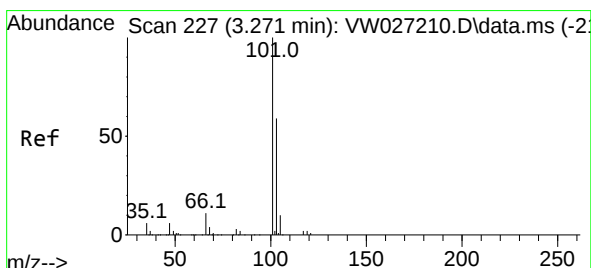
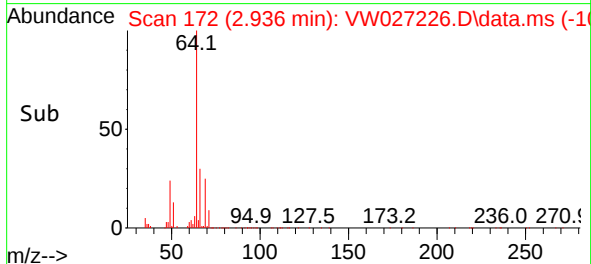
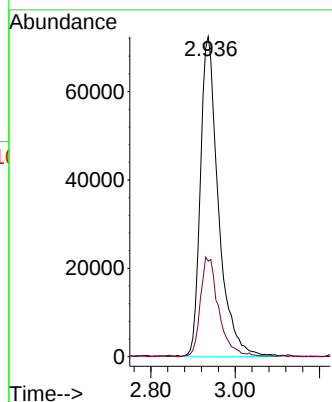
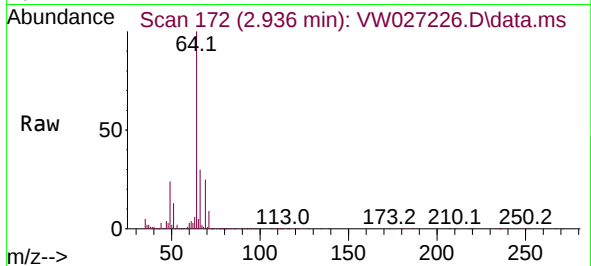




#8
Chloroethane
Concen: 35.789 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

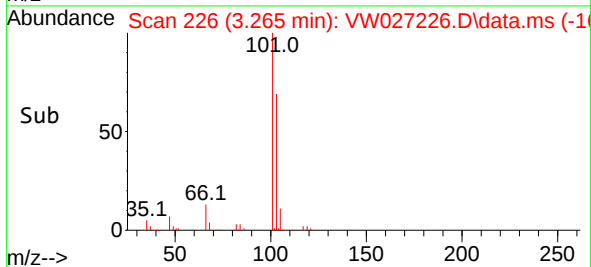
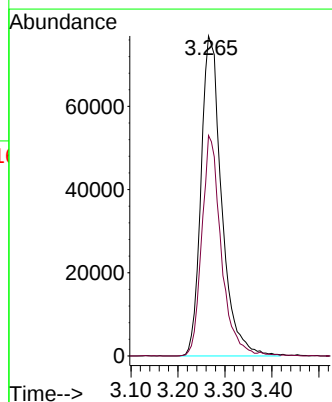
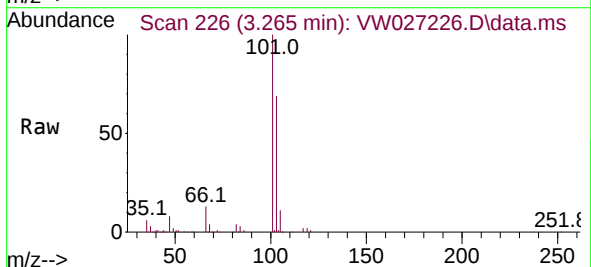
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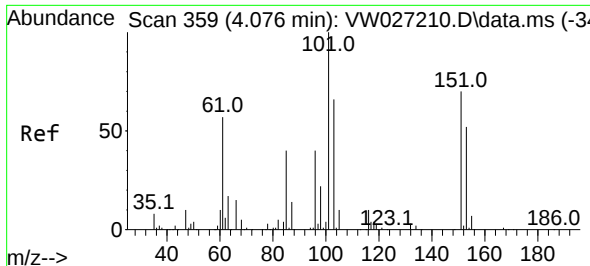
Tgt Ion: 64 Resp: 214983
Ion Ratio Lower Upper
64 100
66 29.9 21.5 39.9



#9
Trichlorofluoromethane
Concen: 28.199 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion:101 Resp: 234577
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

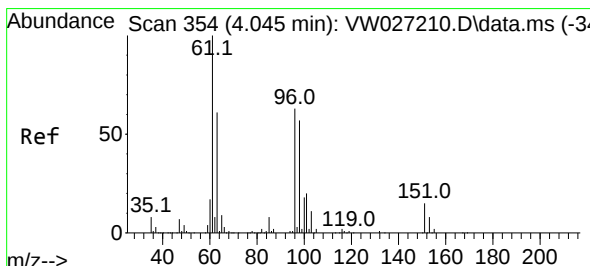
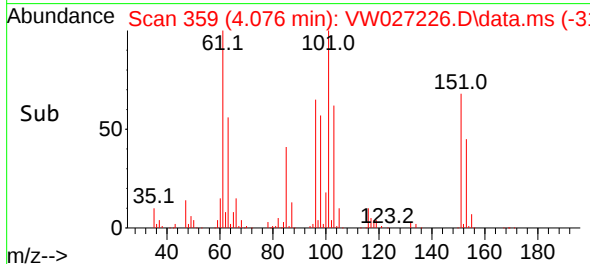
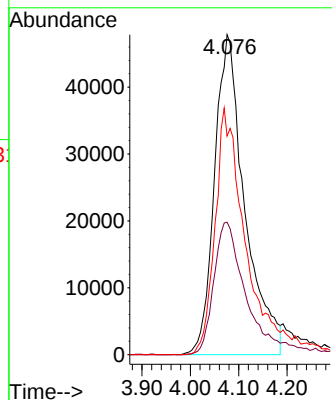
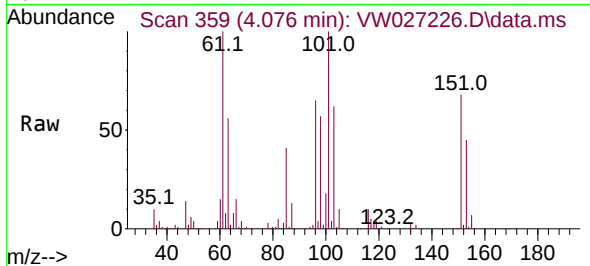




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.809 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027226.D
 Acq: 04 Oct 2023 18:39

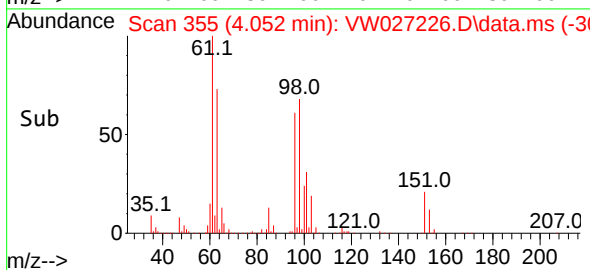
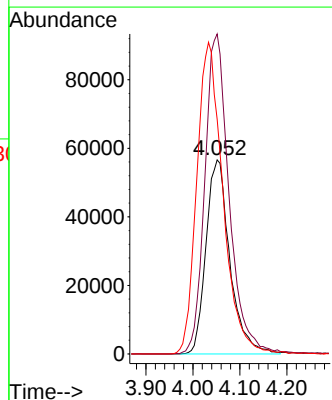
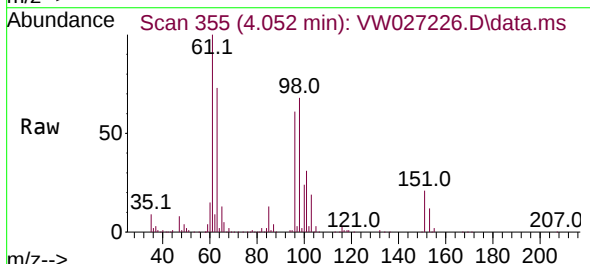
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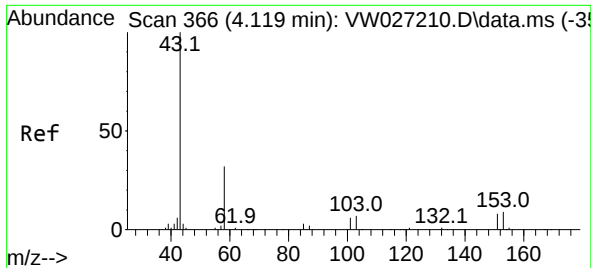
Tgt Ion:101 Resp: 207644
 Ion Ratio Lower Upper
 101 100
 85 40.4 33.1 49.7
 151 32.5 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 24.971 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027226.D
 Acq: 04 Oct 2023 18:39

Tgt Ion: 96 Resp: 199667
 Ion Ratio Lower Upper
 96 100
 61 164.9 109.8 204.0
 63 121.0 76.9 142.7





#13

Acetone

Concen: 53.653 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

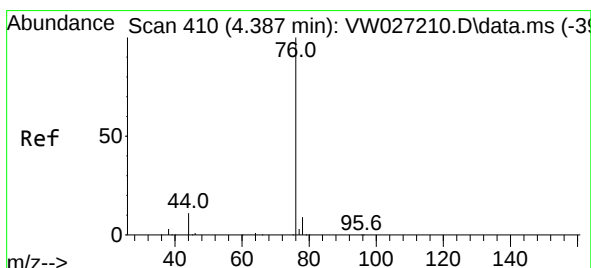
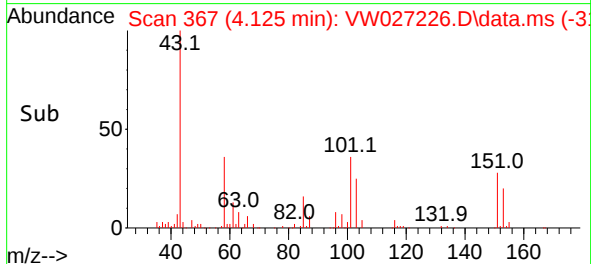
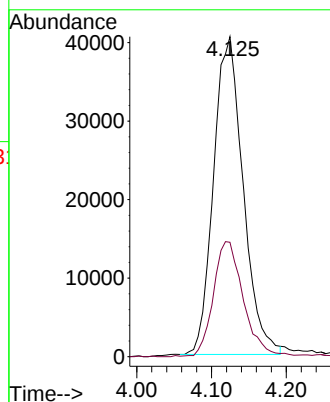
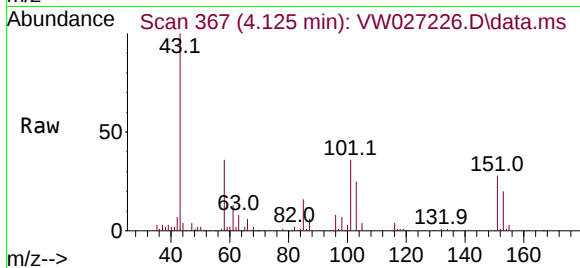
ClientSampleId :

Tgt Ion: 43 Resp: 111301

Ion Ratio Lower Upper

43 100

58 36.4 0.0 70.4



#14

Carbon disulfide

Concen: 23.405 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW027226.D

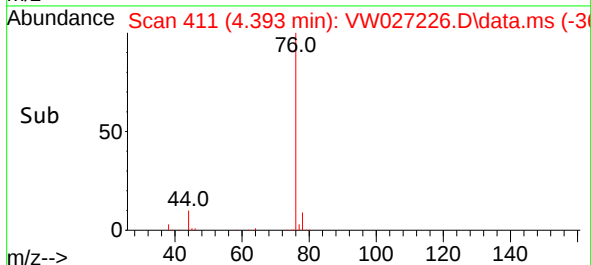
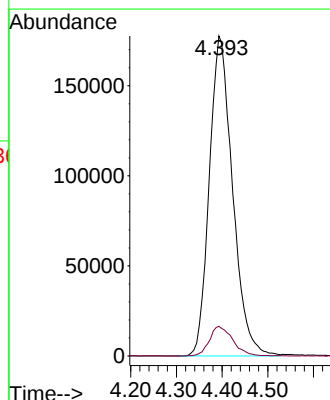
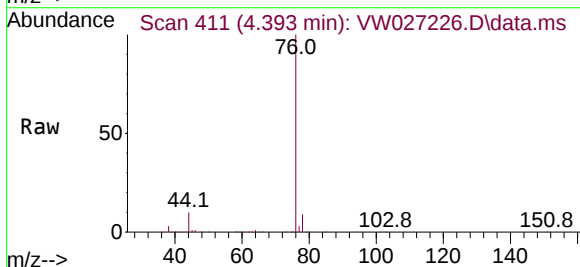
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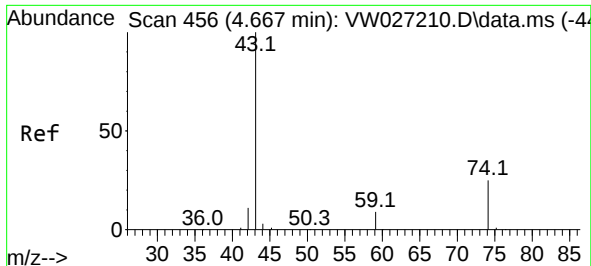
Tgt Ion: 76 Resp: 628146

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

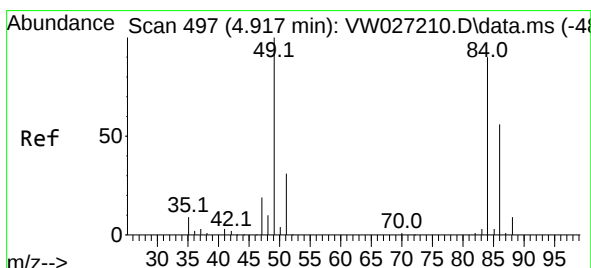
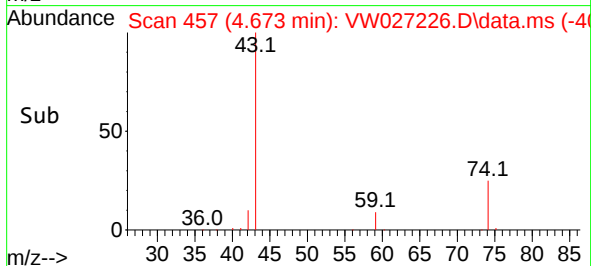
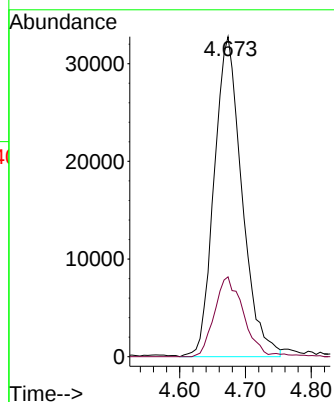
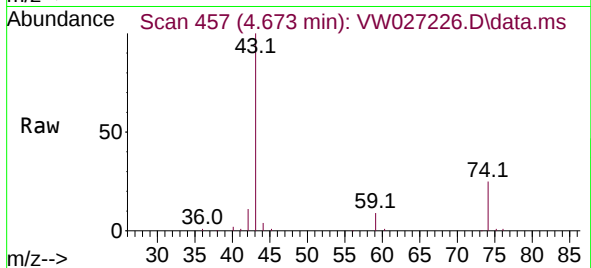




#15
Methyl Acetate
Concen: 27.681 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

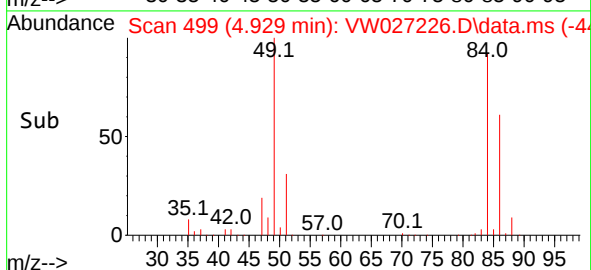
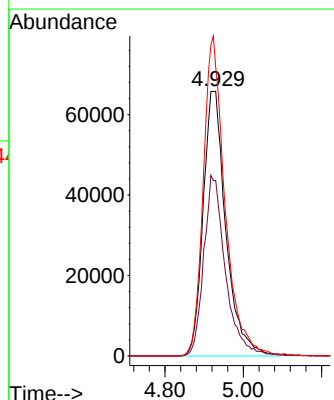
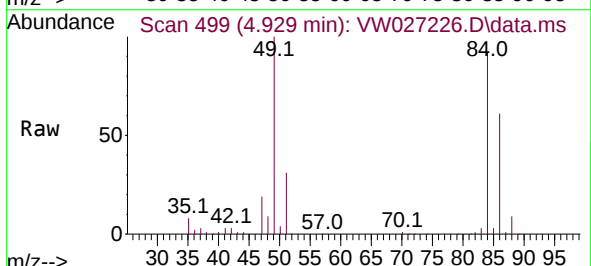
Instrument :
MSVOA_W
ClientSampleId :

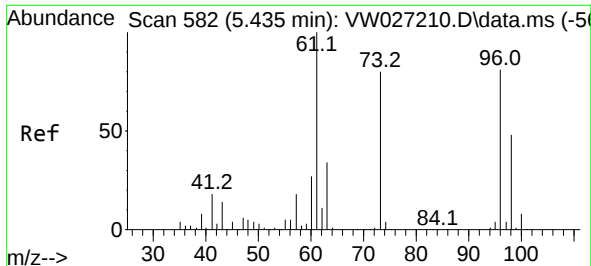
Tgt Ion: 43 Resp: 96246
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



#16
Methylene chloride
Concen: 26.218 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion: 84 Resp: 265273
Ion Ratio Lower Upper
84 100
86 66.2 45.1 83.9
49 109.1 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 25.157 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

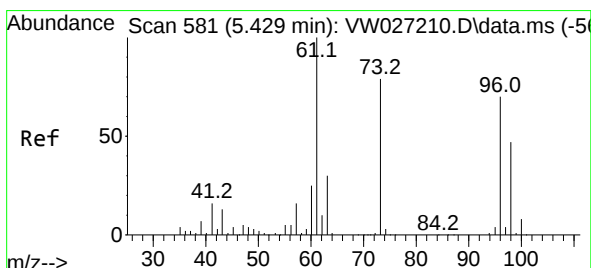
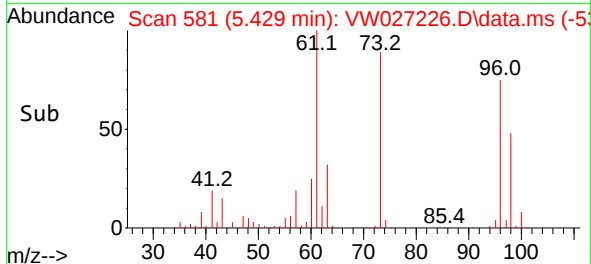
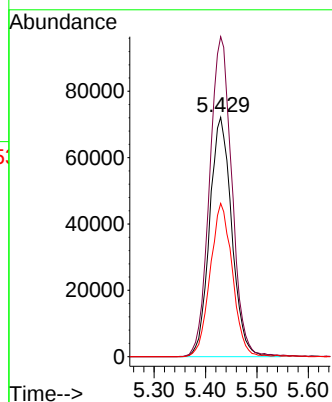
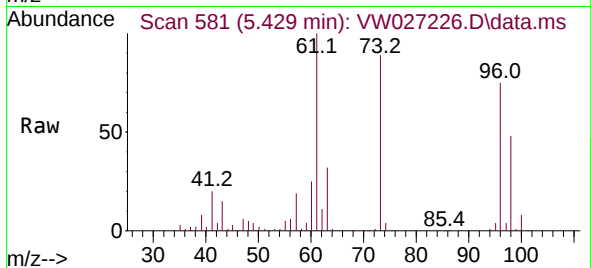
Tgt Ion: 96 Resp: 216439

Ion Ratio Lower Upper

96 100

61 133.7 93.5 173.7

98 64.0 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 27.120 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

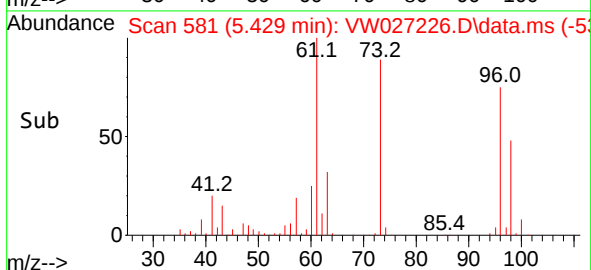
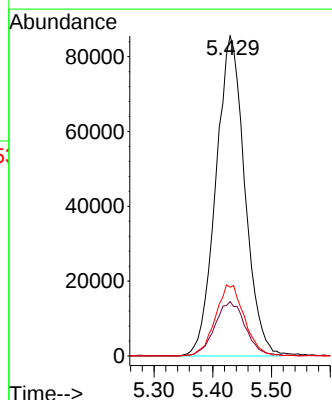
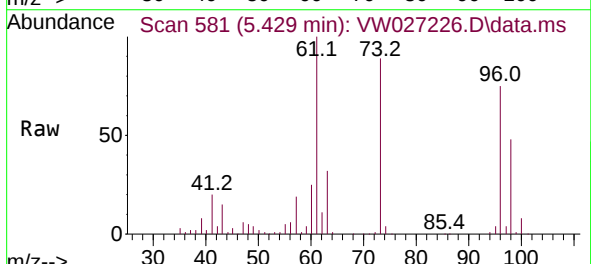
Tgt Ion: 73 Resp: 291991

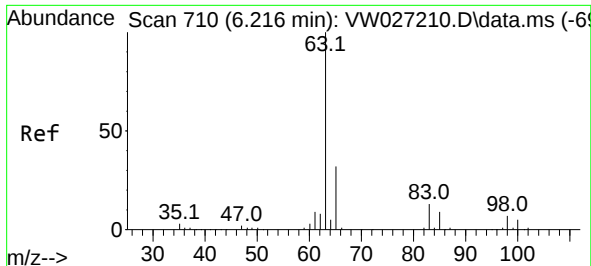
Ion Ratio Lower Upper

73 100

43 18.0 14.2 21.2

57 22.3 18.3 27.5





#19

1,1-Dichloroethane

Concen: 25.280 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

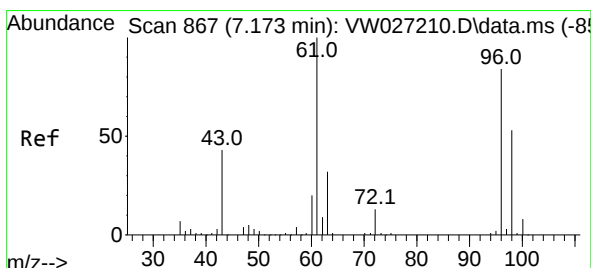
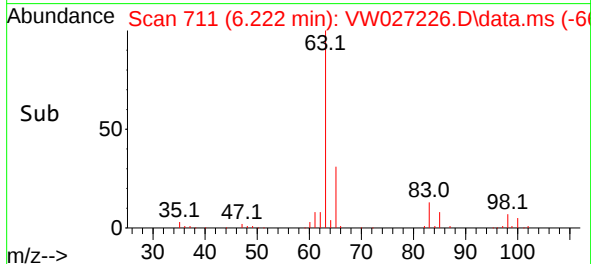
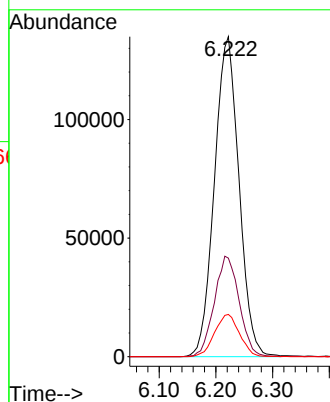
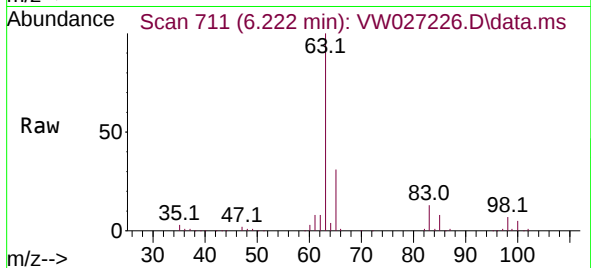
Tgt Ion: 63 Resp: 405608

Ion Ratio Lower Upper

63 100

65 30.8 22.5 41.9

83 13.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 25.799 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

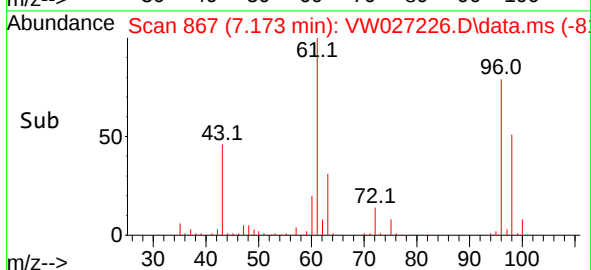
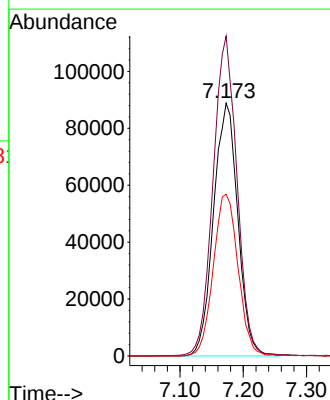
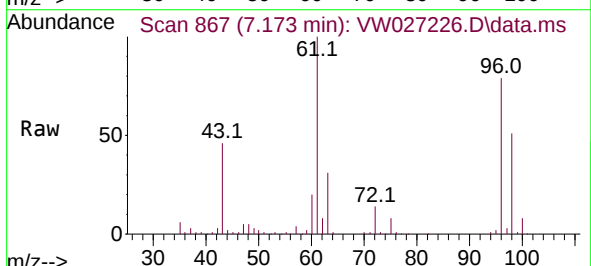
Tgt Ion: 96 Resp: 236604

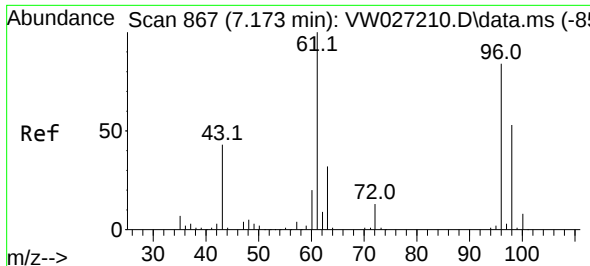
Ion Ratio Lower Upper

96 100

61 126.5 82.7 153.5

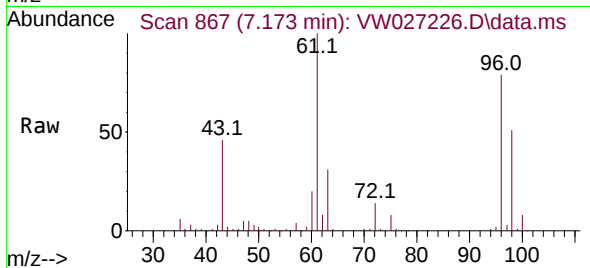
98 64.0 43.0 80.0



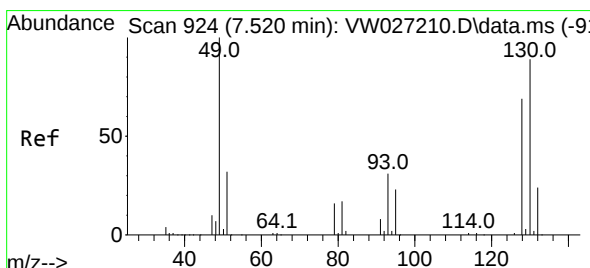
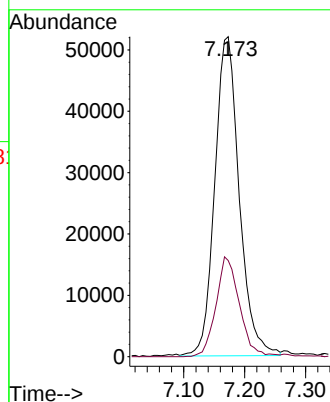
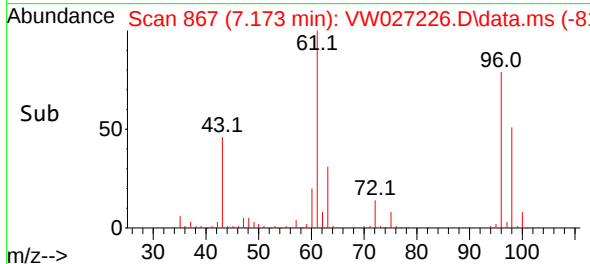


#22
2-Butanone
Concen: 56.656 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Instrument :
MSVOA_W
ClientSampleId :

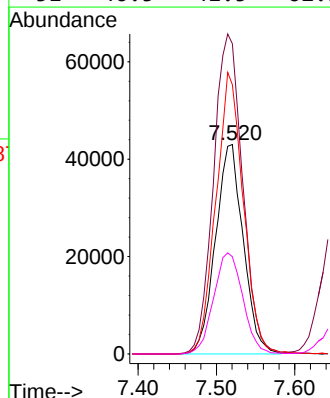
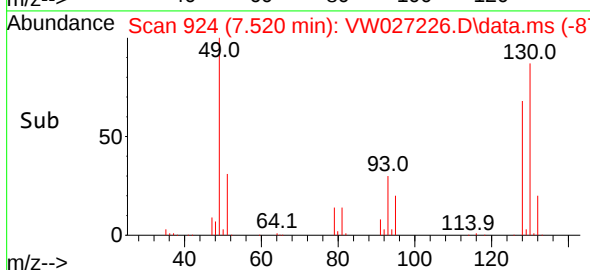
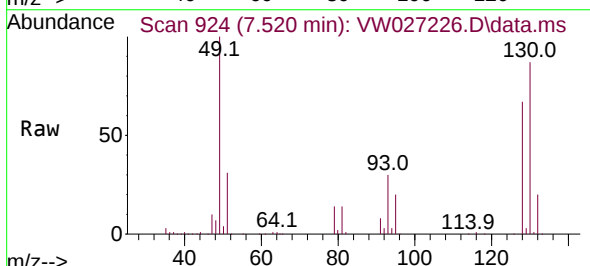


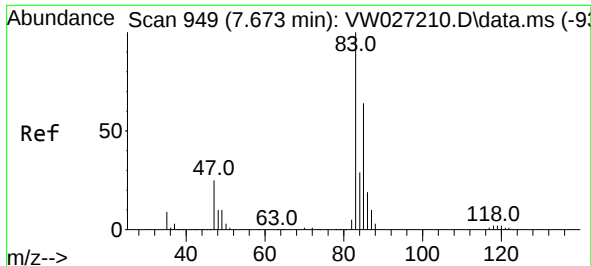
Tgt Ion: 43 Resp: 145358
Ion Ratio Lower Upper
43 100
72 29.6 14.6 44.0



#23
Bromochloromethane
Concen: 25.295 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion: 128 Resp: 105855
Ion Ratio Lower Upper
128 100
49 148.1 112.1 208.1
130 128.6 83.9 155.7
51 46.5 41.5 62.3

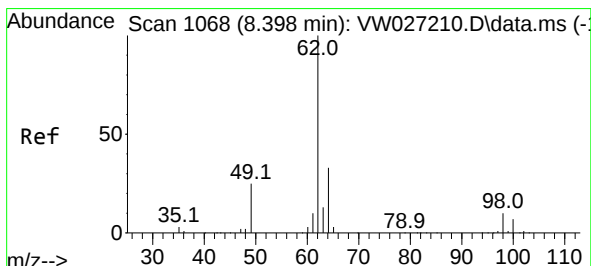
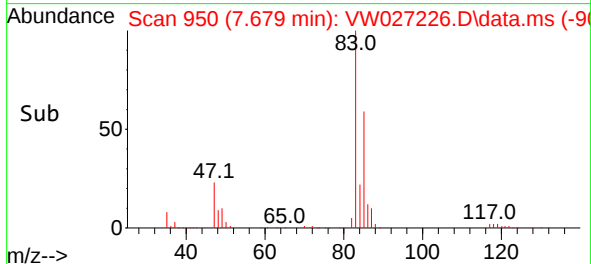
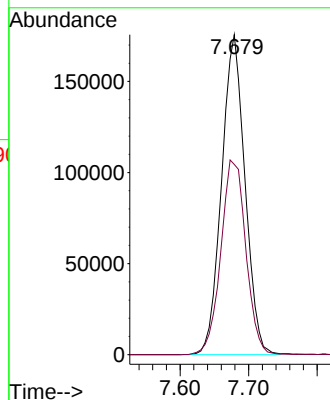
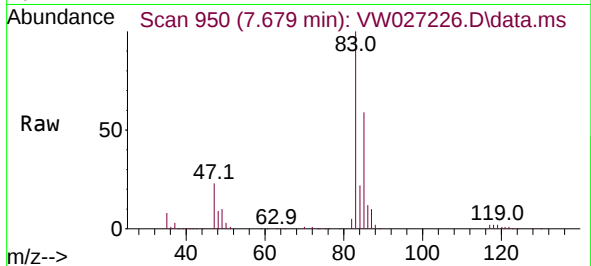




#25
Chloroform
Concen: 26.544 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

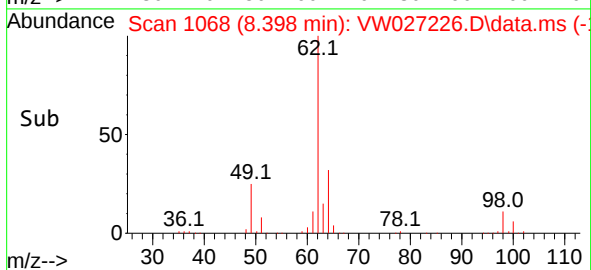
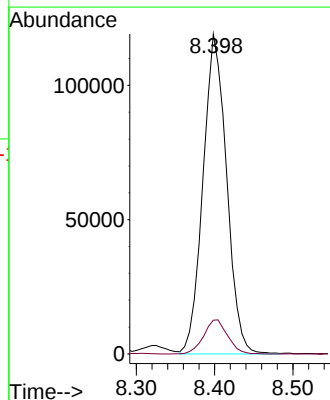
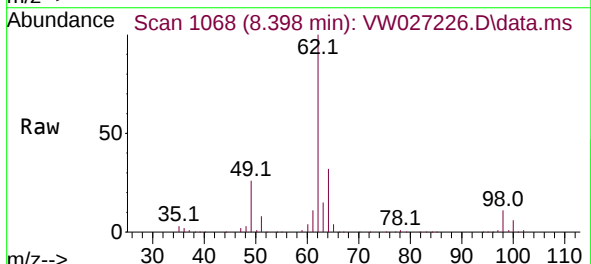
Instrument :
MSVOA_W
ClientSampleId :

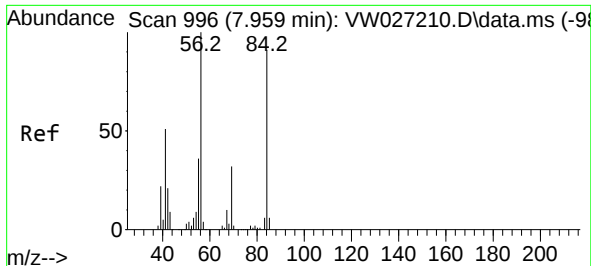
Tgt Ion: 83 Resp: 415386
Ion Ratio Lower Upper
83 100
85 59.5 47.7 88.5



#27
1,2-Dichloroethane
Concen: 26.038 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion: 62 Resp: 249605
Ion Ratio Lower Upper
62 100
98 10.5 7.9 11.9

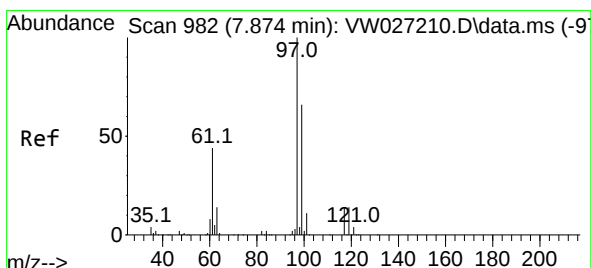
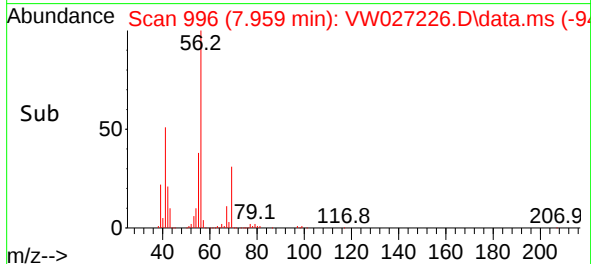
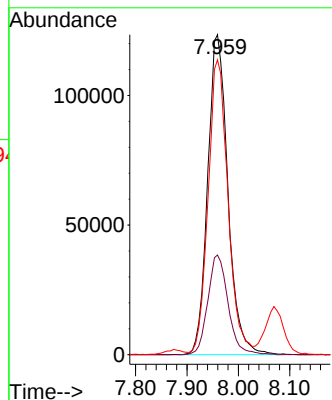
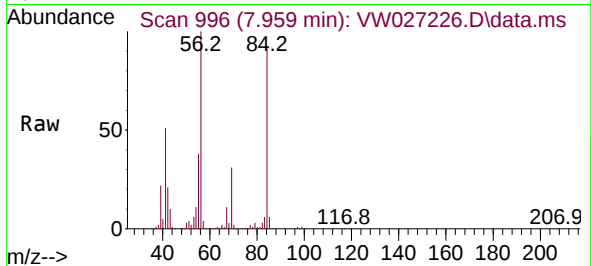




#29
Cyclohexane
Concen: 24.314 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

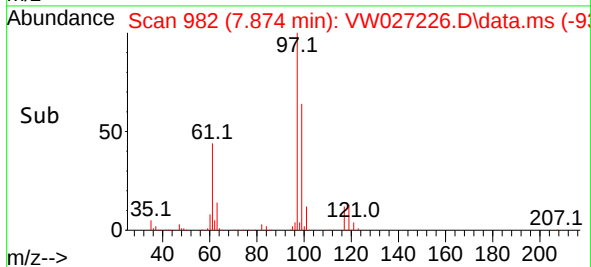
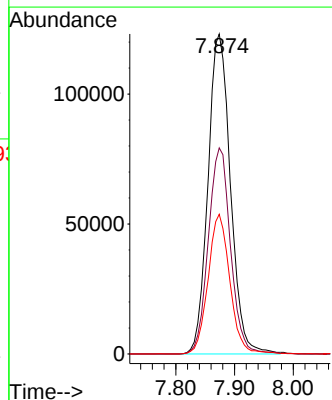
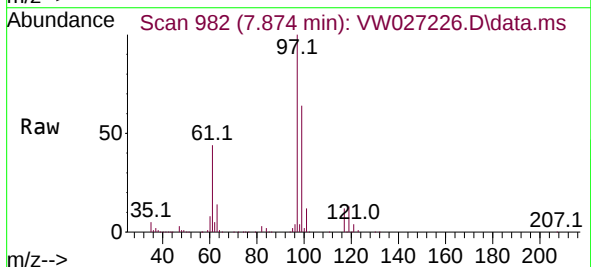
Instrument :
MSVOA_W
ClientSampleId :

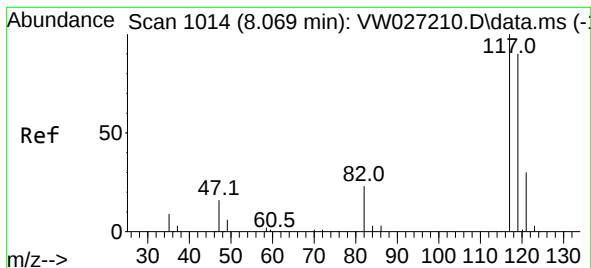
Tgt Ion: 56 Resp: 337418
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.4
84 90.7 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 25.272 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

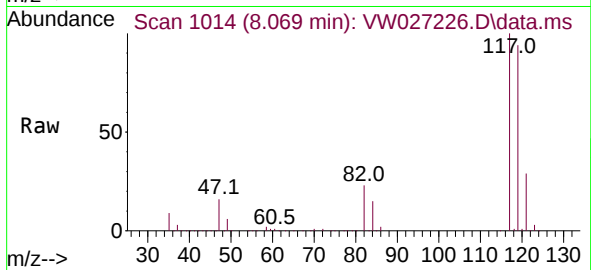
Tgt Ion: 97 Resp: 327693
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 42.4 34.6 52.0



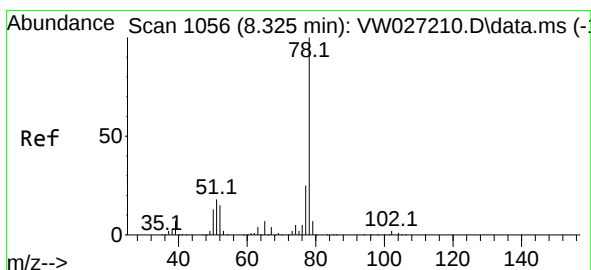
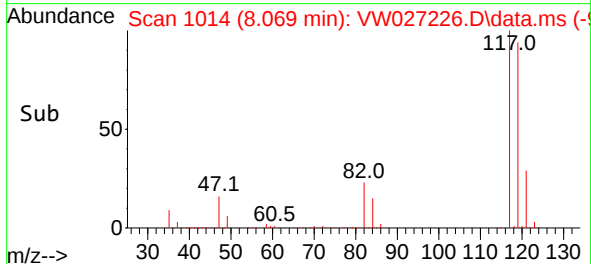
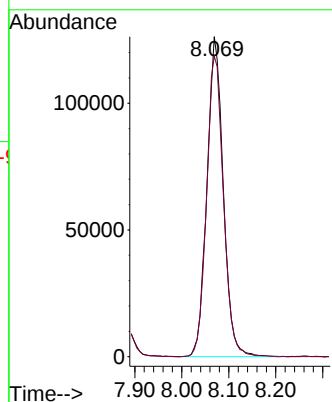


#31
Carbon tetrachloride
Concen: 24.872 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Instrument :
MSVOA_W
ClientSampleId :

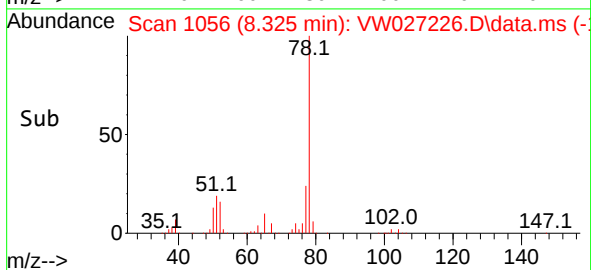
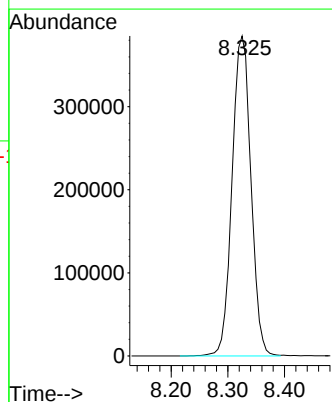
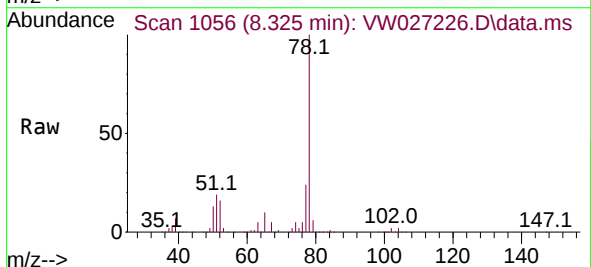


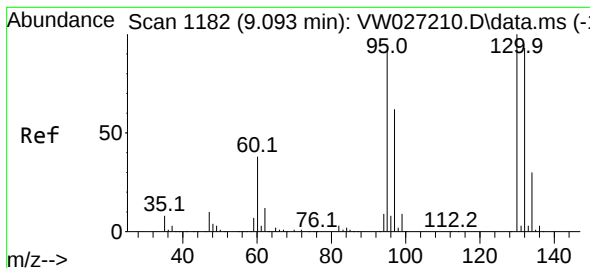
Tgt Ion:117 Resp: 304607
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.6



#33
Benzene
Concen: 24.112 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion: 78 Resp: 888939





#34

Trichloroethene

Concen: 23.482 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 226073

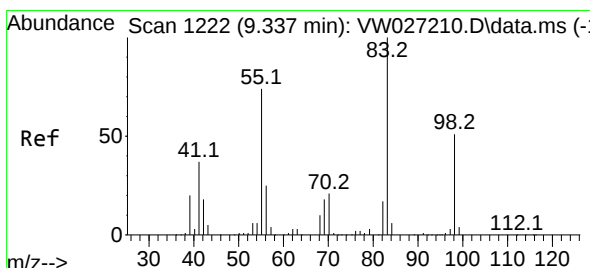
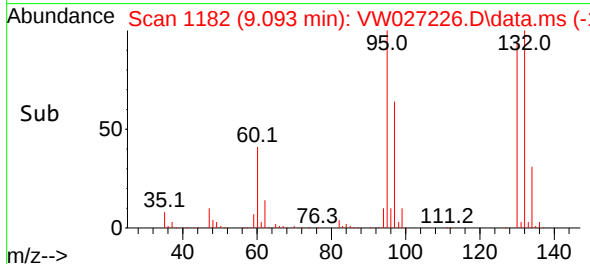
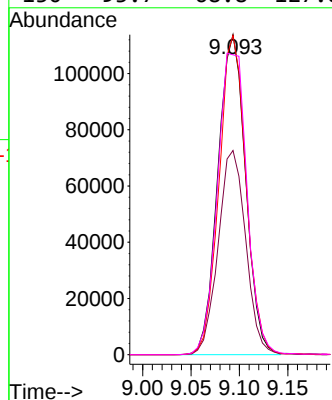
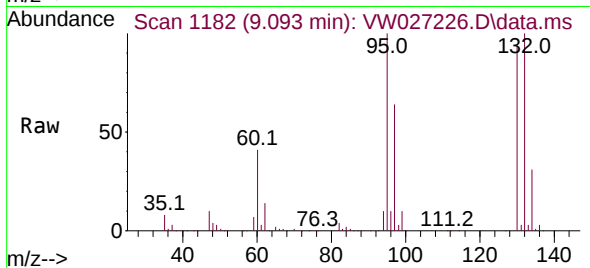
Ion Ratio Lower Upper

95 100

97 63.8 46.1 85.7

132 99.7 71.5 132.9

130 93.7 68.8 127.8



#35

Methylcyclohexane

Concen: 22.833 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

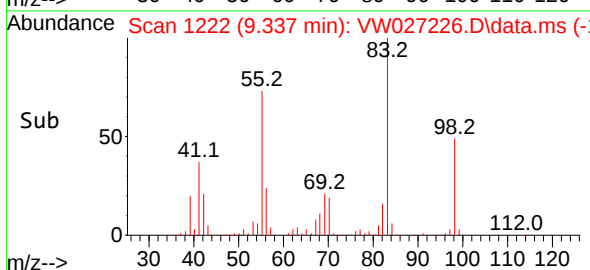
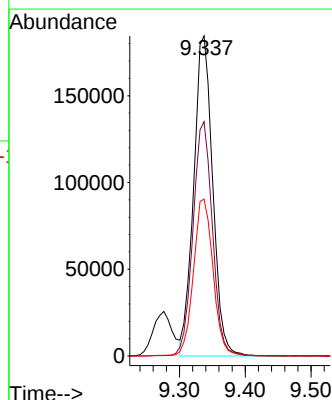
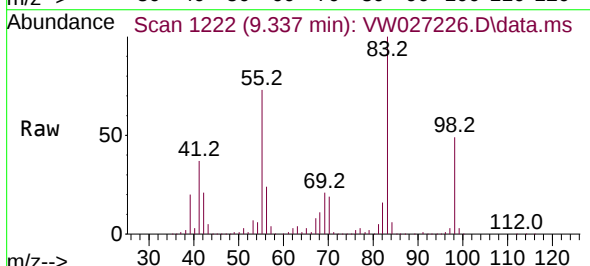
Tgt Ion: 83 Resp: 369736

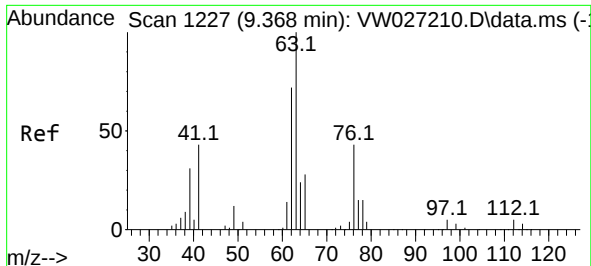
Ion Ratio Lower Upper

83 100

55 74.6 59.1 88.7

98 50.4 38.6 58.0





#37

1,2-Dichloropropane

Concen: 22.652 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

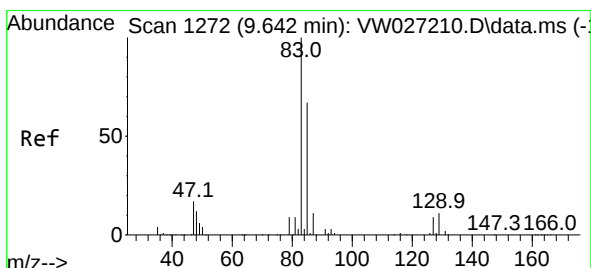
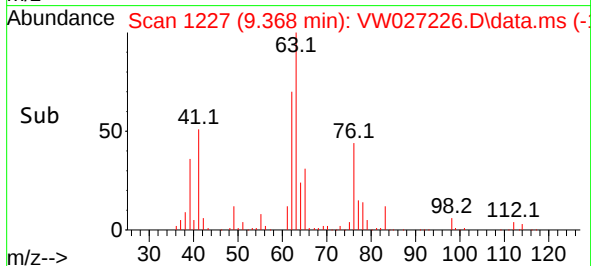
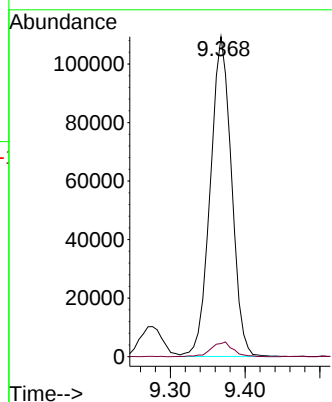
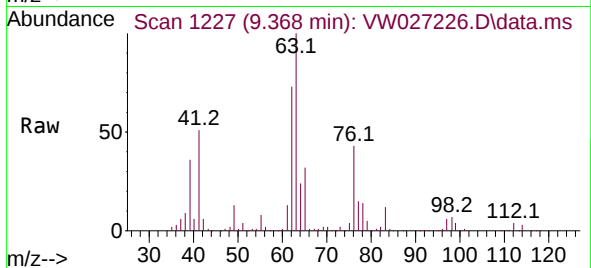
ClientSampleId :

Tgt Ion: 63 Resp: 215182

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 28.888 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

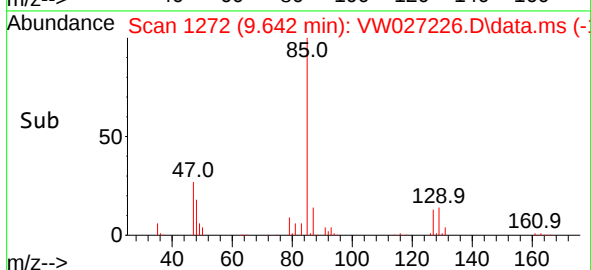
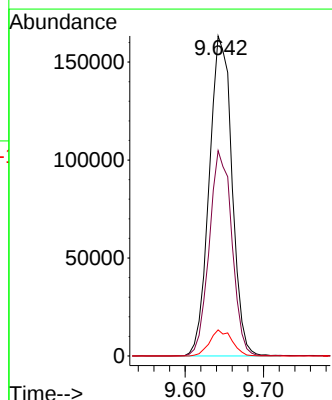
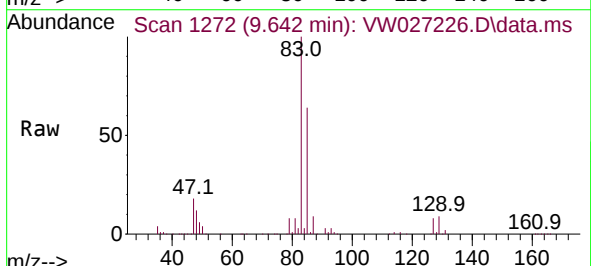
Tgt Ion: 83 Resp: 329586

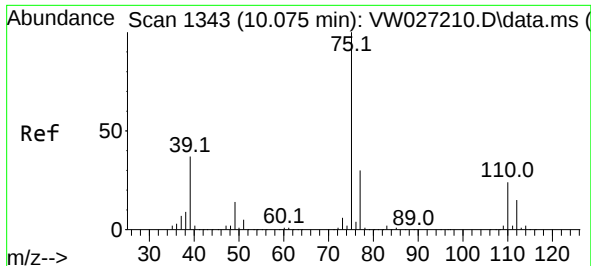
Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 28.378 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

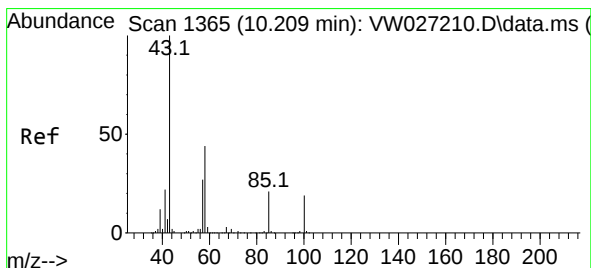
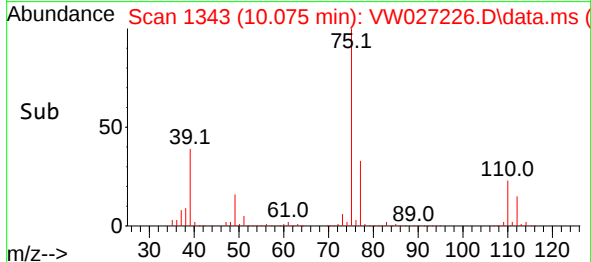
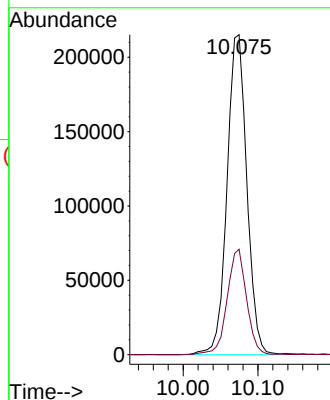
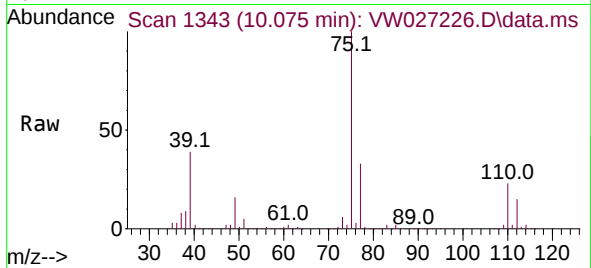
ClientSampleId :

Tgt Ion: 75 Resp: 397208

Ion Ratio Lower Upper

75 100

77 33.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 70.185 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

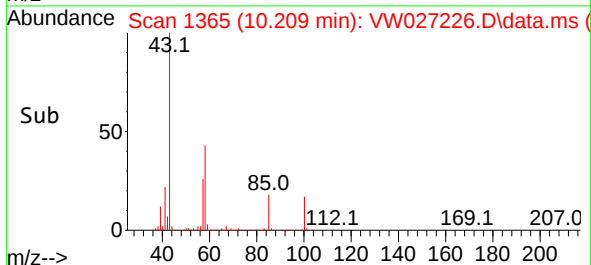
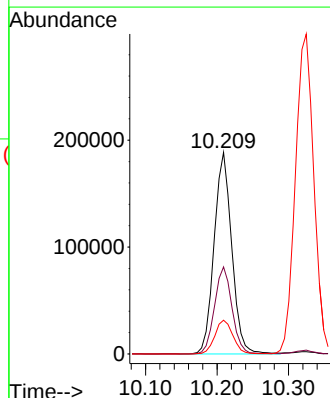
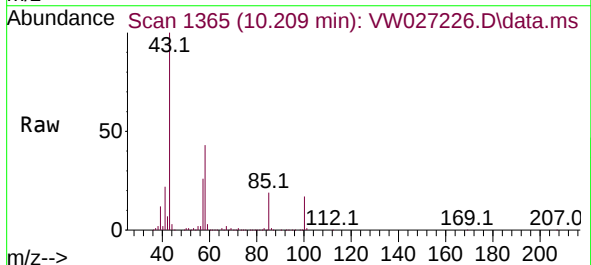
Tgt Ion: 43 Resp: 323450

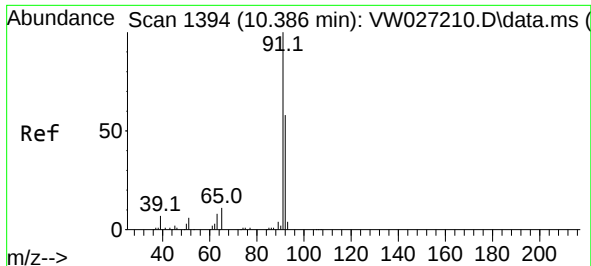
Ion Ratio Lower Upper

43 100

58 42.6 33.8 50.6

100 17.1 13.7 20.5

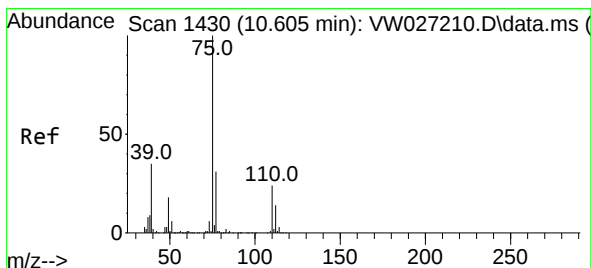
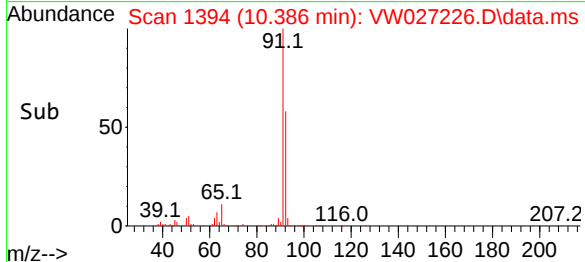
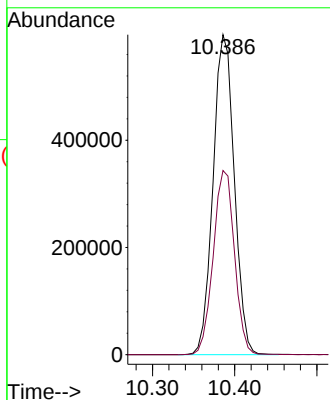
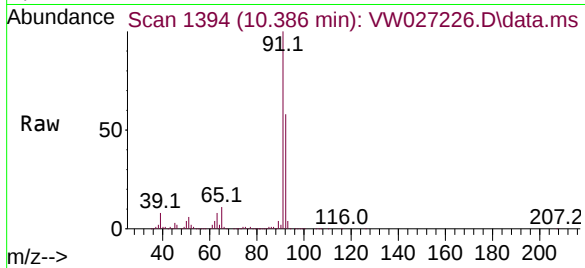




#42
Toluene
Concen: 28.291 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

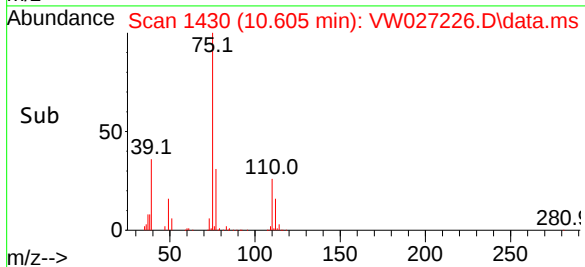
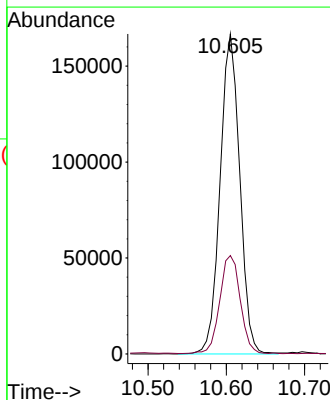
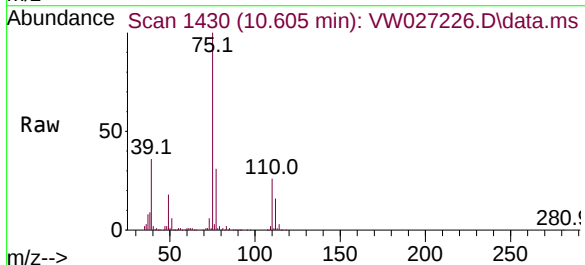
Instrument :
MSVOA_W
ClientSampleId :

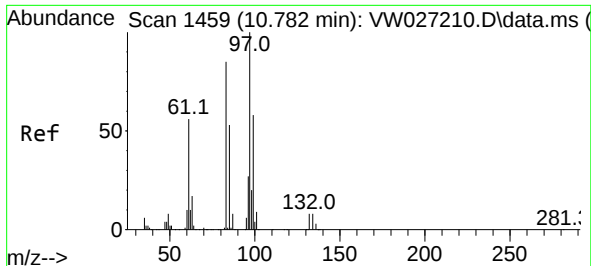
Tgt Ion: 91 Resp: 1071111
Ion Ratio Lower Upper
91 100
92 57.6 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 25.369 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

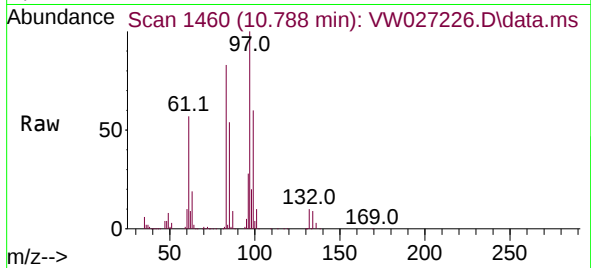
Tgt Ion: 75 Resp: 291018
Ion Ratio Lower Upper
75 100
77 30.8 21.6 40.2



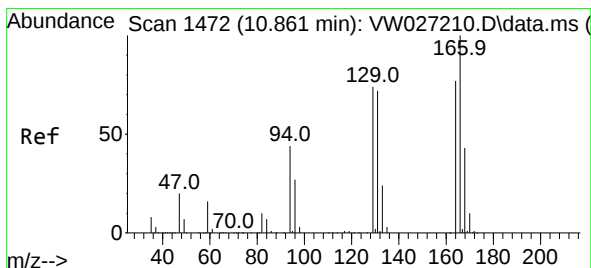
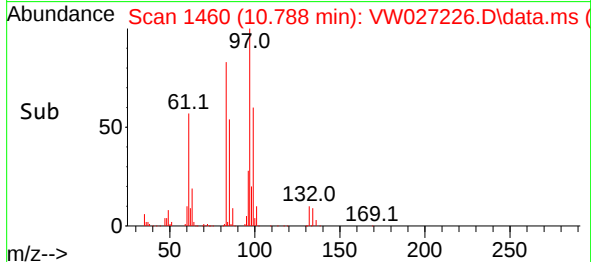
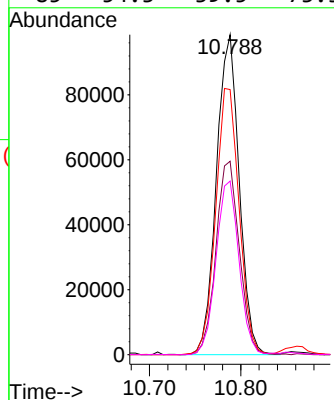


#45
1,1,2-Trichloroethane
Concen: 24.878 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Instrument :
MSVOA_W
ClientSampleId :

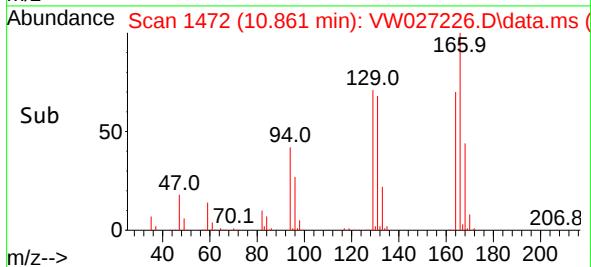
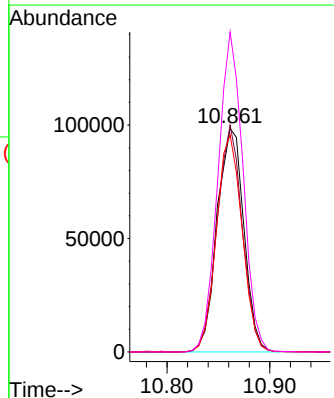
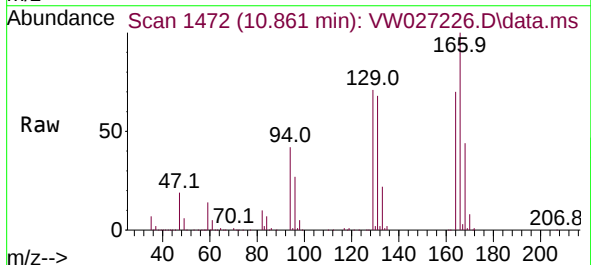


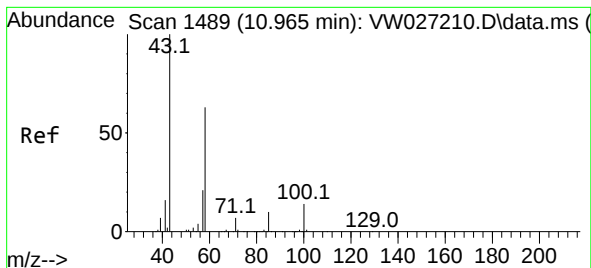
Tgt Ion: 97	Resp: 171025
Ion Ratio	Lower Upper
97 100	
99 60.4	45.3 84.1
83 82.8	59.5 110.5
85 54.3	39.5 73.3



#46
Tetrachloroethene
Concen: 23.532 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

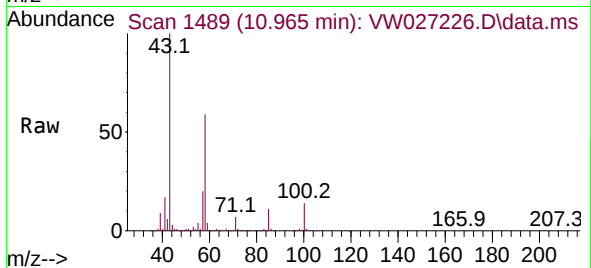
Tgt	Ion:164	Resp:	178090
Ion	Ratio	Lower	Upper
164	100		
129	101.4	60.3	112.1
131	97.1	66.1	122.7
166	143.2	89.4	166.0



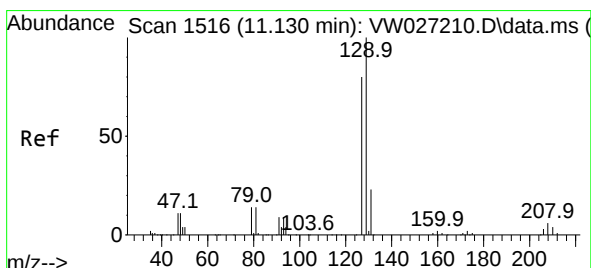
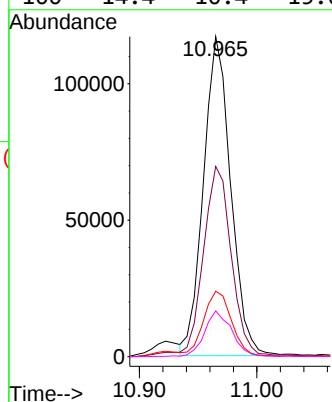
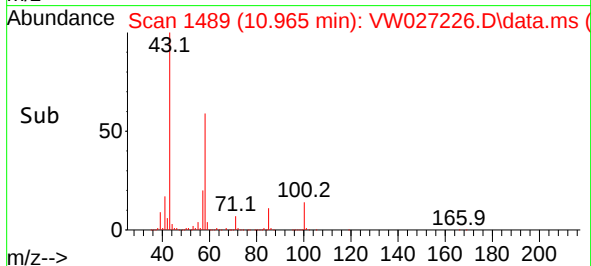


#48
2-Hexanone
Concen: 52.279 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Instrument :
MSVOA_W
ClientSampleId :

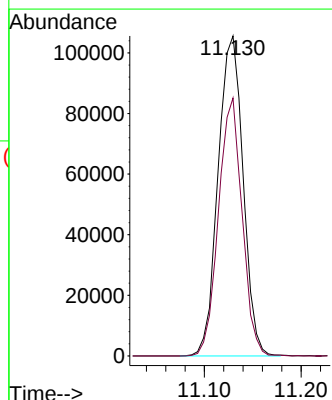
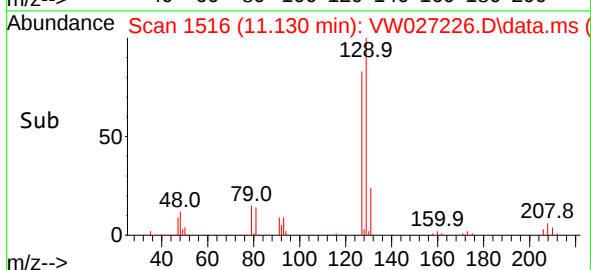
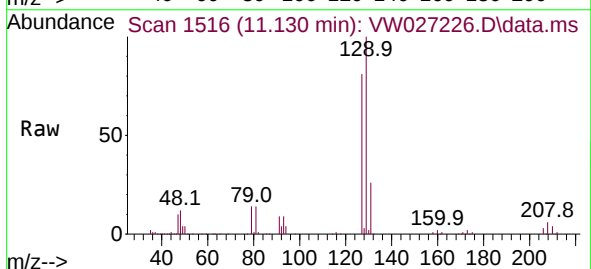


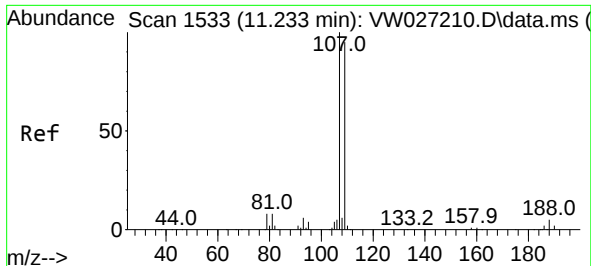
Tgt Ion: 43 Resp: 188879
Ion Ratio Lower Upper
43 100
58 60.8 47.2 70.8
57 21.2 15.9 23.9
100 14.4 10.4 15.6



#49
Dibromochloromethane
Concen: 25.457 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

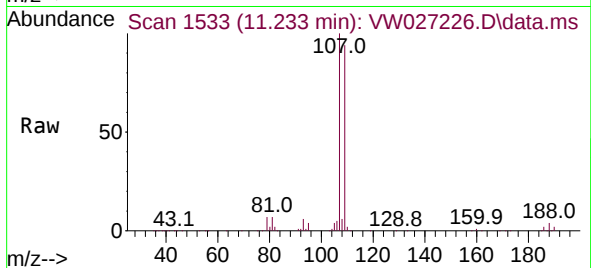
Tgt Ion: 129 Resp: 189796
Ion Ratio Lower Upper
129 100
127 80.6 54.2 100.6



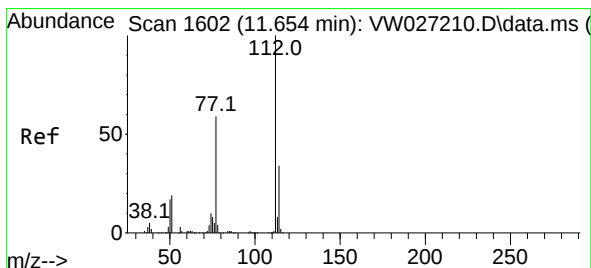
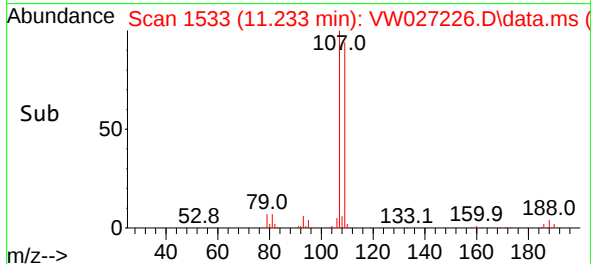
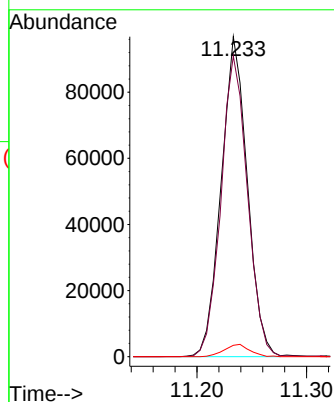


#50
1,2-Dibromoethane
Concen: 25.149 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Instrument :
MSVOA_W
ClientSampleId :

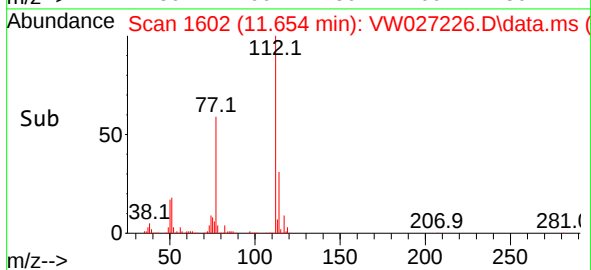
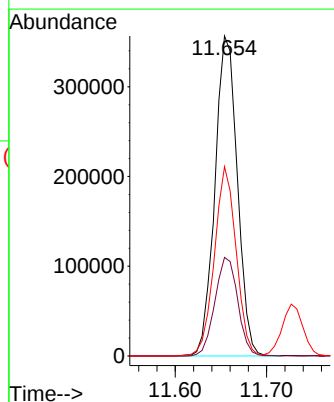
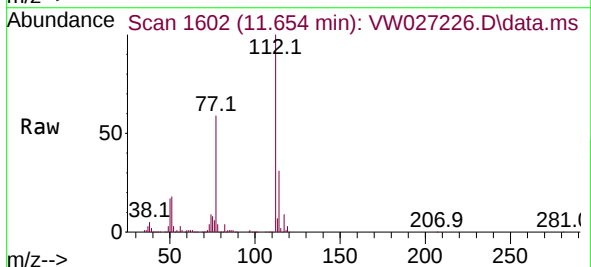


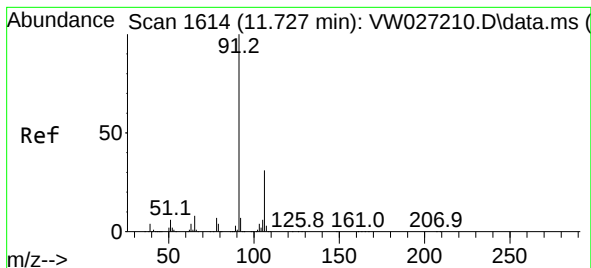
Tgt Ion:107 Resp: 160431
Ion Ratio Lower Upper
107 100
109 93.9 68.2 126.6
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 24.204 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion:112 Resp: 608123
Ion Ratio Lower Upper
112 100
114 30.8 21.9 40.7
77 59.2 47.4 71.0

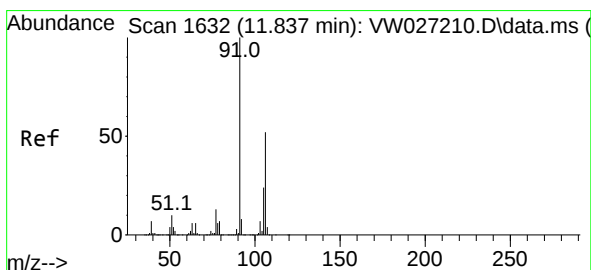
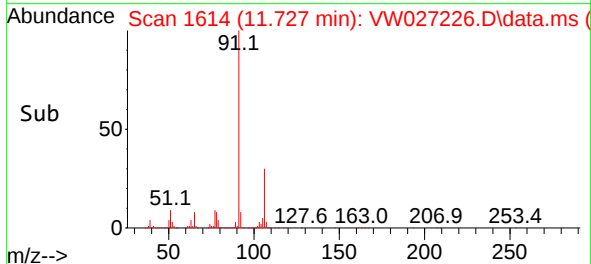
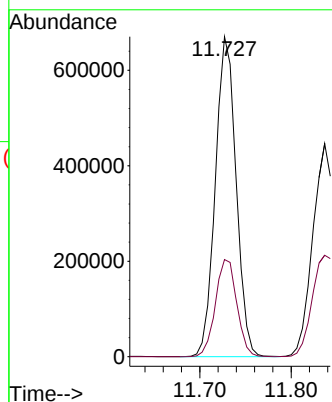
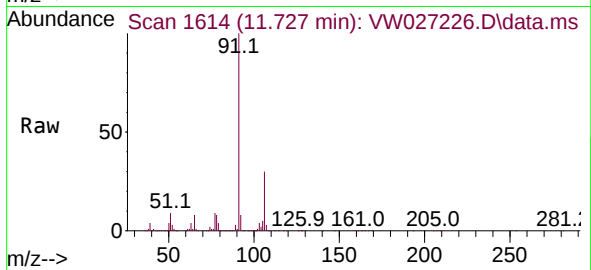




#52
Ethylbenzene
Concen: 24.888 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

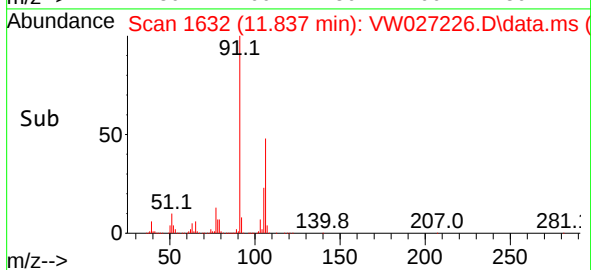
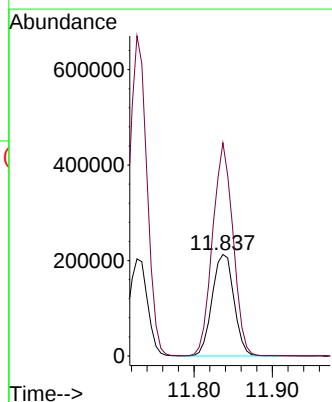
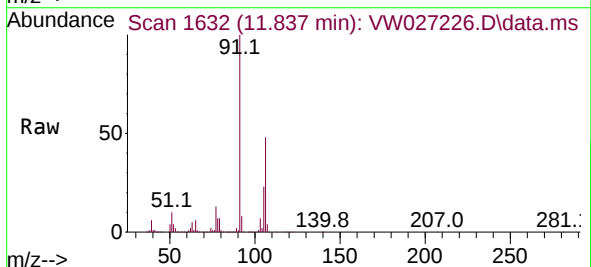
Instrument :
MSVOA_W
ClientSampleId :

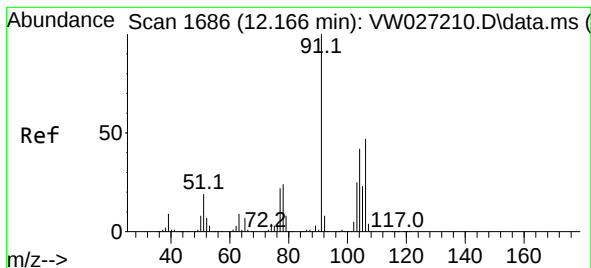
Tgt Ion: 91 Resp: 1058571
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.6



#53
m,p-Xylene
Concen: 25.156 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion:106 Resp: 410269
Ion Ratio Lower Upper
106 100
91 210.3 145.9 270.9

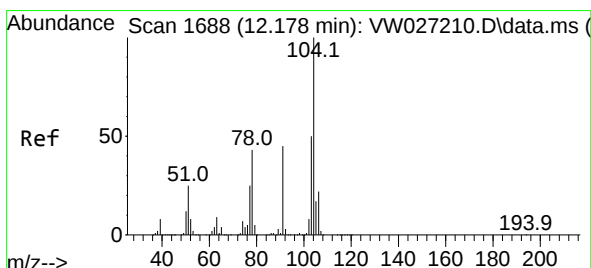
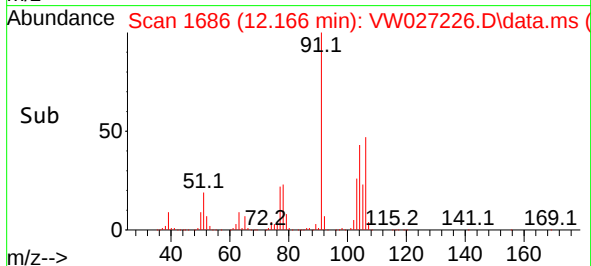
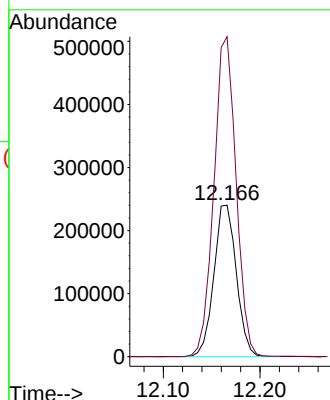
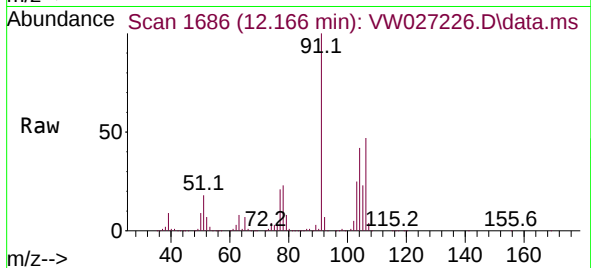




#54
o-Xylene
Concen: 25.418 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

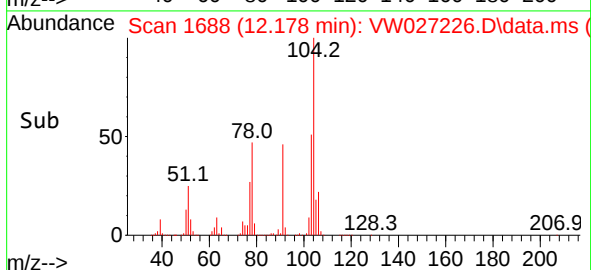
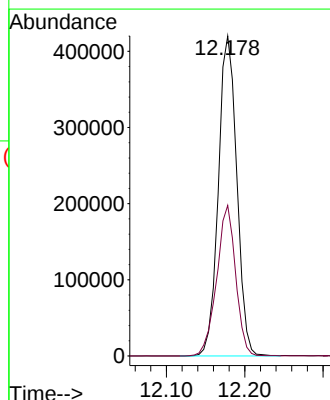
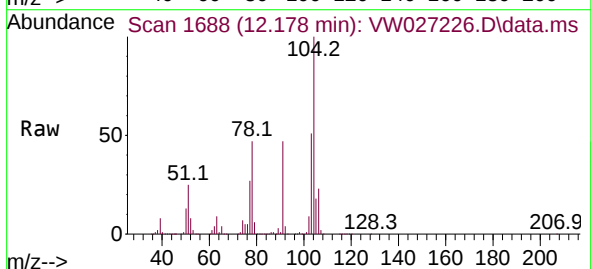
Instrument :
MSVOA_W
ClientSampleId :

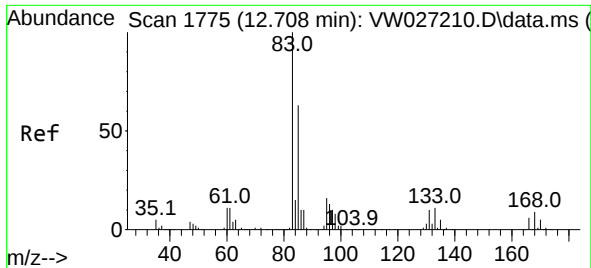
Tgt Ion:106 Resp: 387250
Ion Ratio Lower Upper
106 100
91 211.2 149.5 277.7



#55
Styrene
Concen: 26.247 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion:104 Resp: 688348
Ion Ratio Lower Upper
104 100
78 47.1 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.677 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

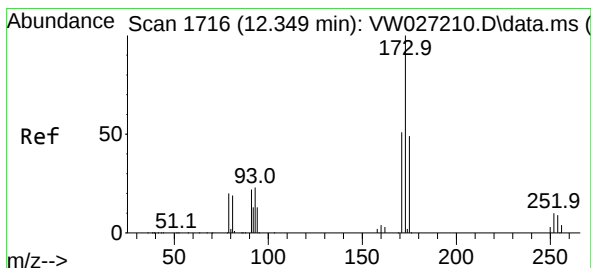
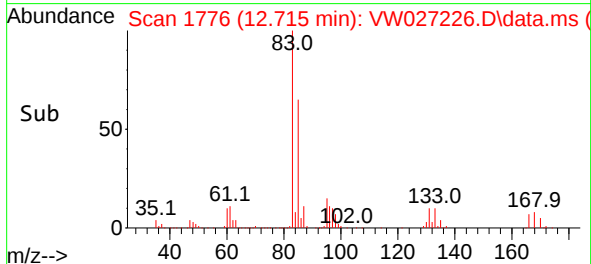
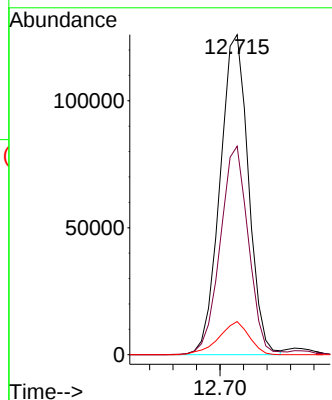
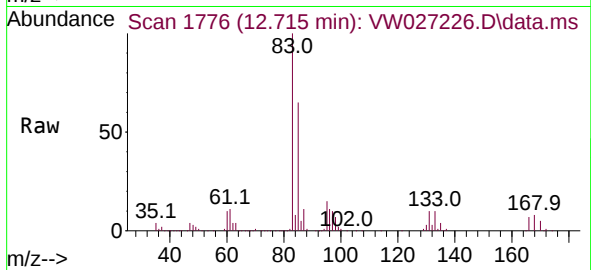
Tgt Ion: 83 Resp: 211724

Ion Ratio Lower Upper

83 100

85 65.1 43.5 80.7

131 10.3 7.6 11.4



#59

Bromoform

Concen: 24.863 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

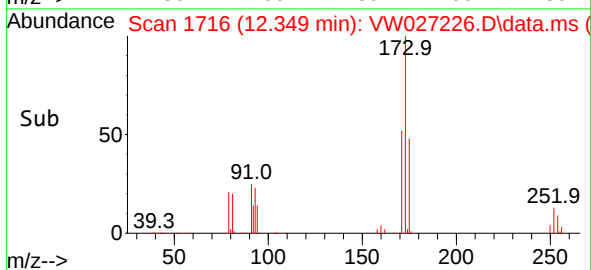
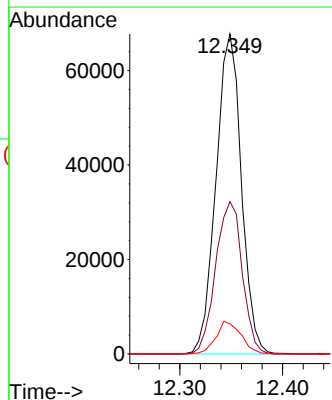
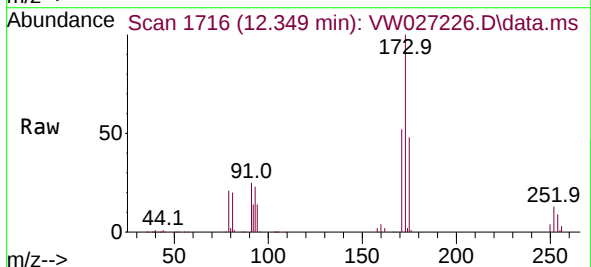
Tgt Ion:173 Resp: 116130

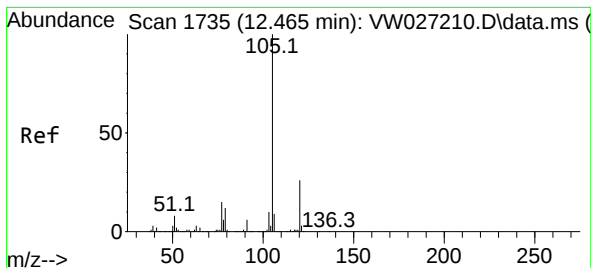
Ion Ratio Lower Upper

173 100

175 49.8 37.1 55.7

254 10.1 7.2 10.8





#60

Isopropylbenzene

Concen: 24.385 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

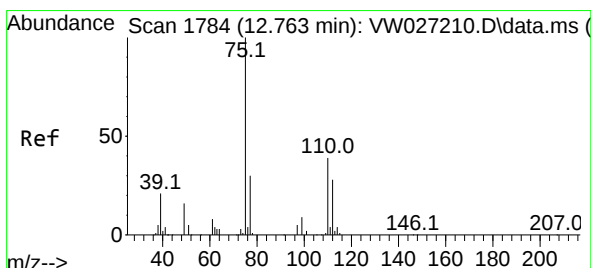
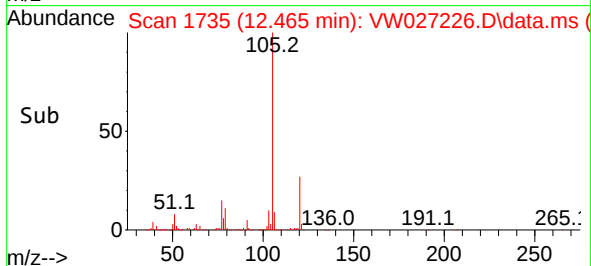
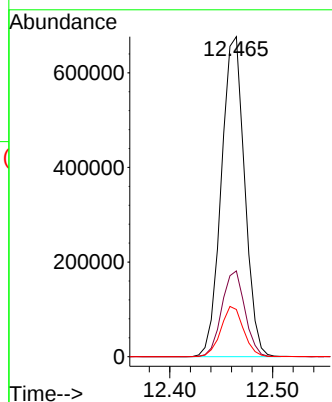
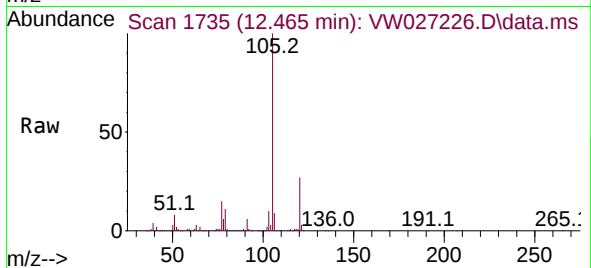
Tgt Ion:105 Resp: 1062135

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.6

77 15.2 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 24.200 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

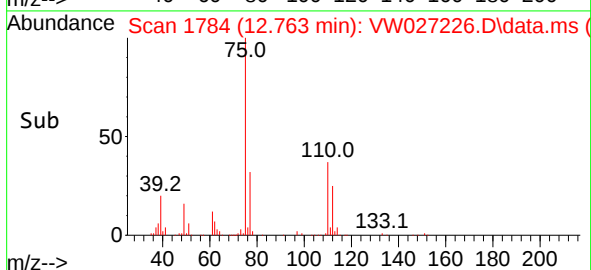
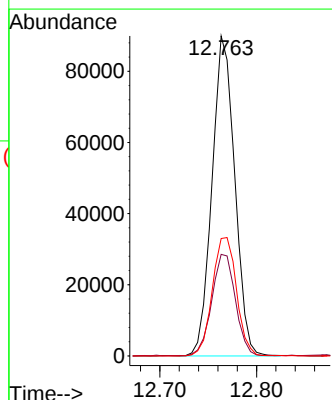
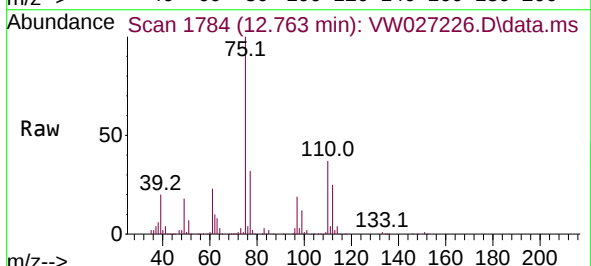
Tgt Ion: 75 Resp: 146549

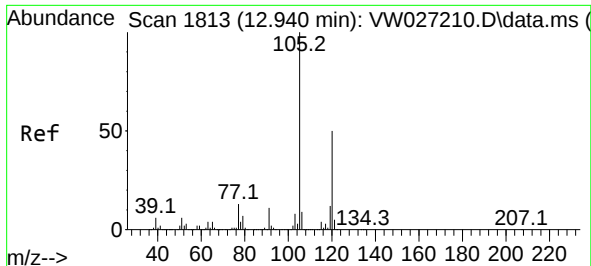
Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

110 39.4 31.2 46.8

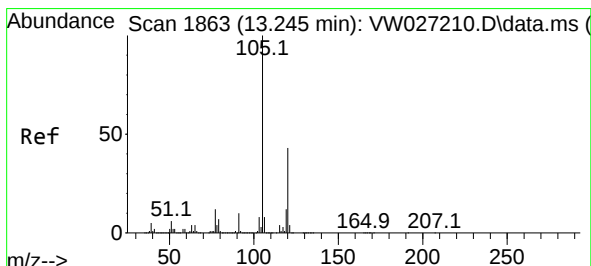
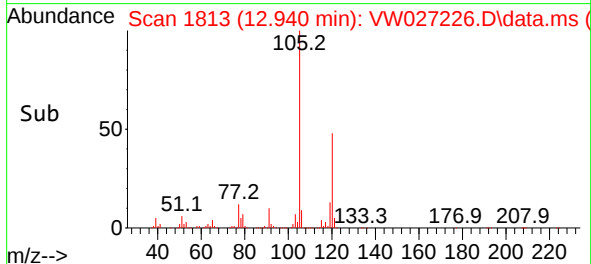
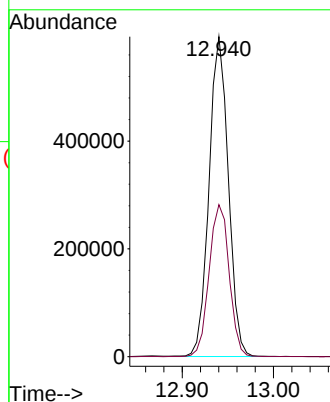
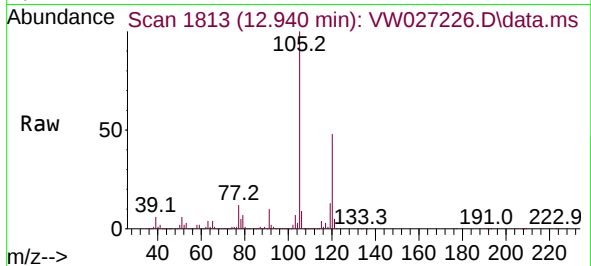




#62
1,3,5-Trimethylbenzene
Concen: 25.435 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

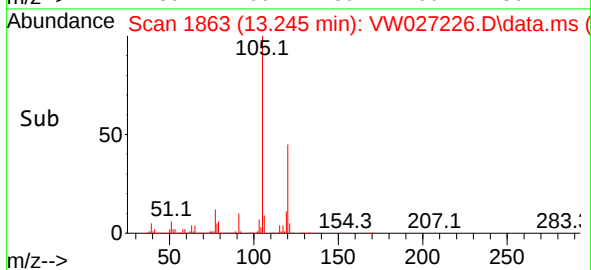
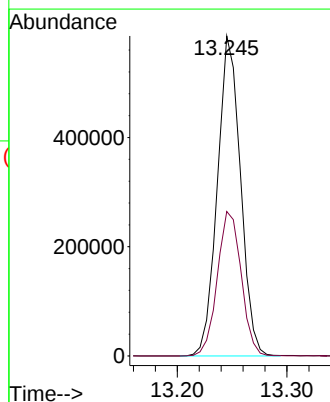
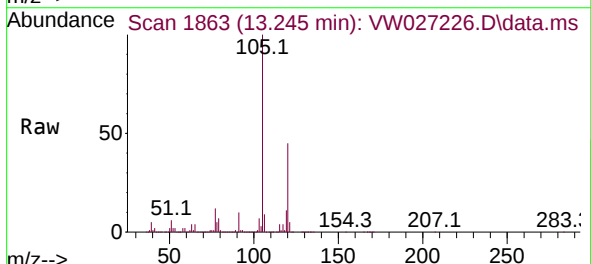
Instrument :
MSVOA_W
ClientSampleId :

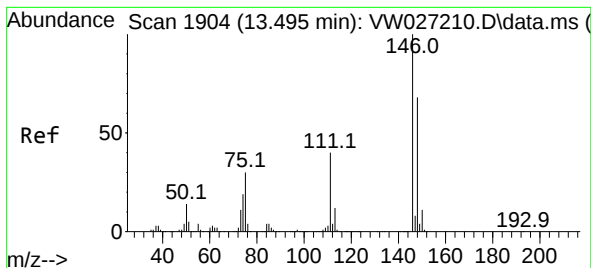
Tgt Ion:105 Resp: 868600
Ion Ratio Lower Upper
105 100
120 49.5 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 25.678 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027226.D
Acq: 04 Oct 2023 18:39

Tgt Ion:105 Resp: 859328
Ion Ratio Lower Upper
105 100
120 46.6 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 24.518 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

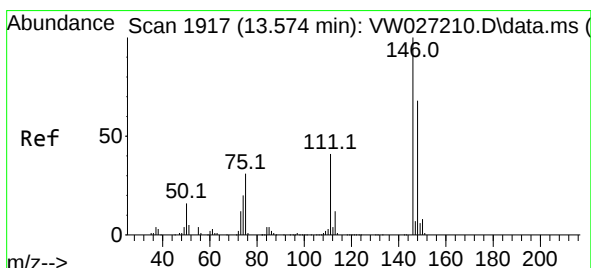
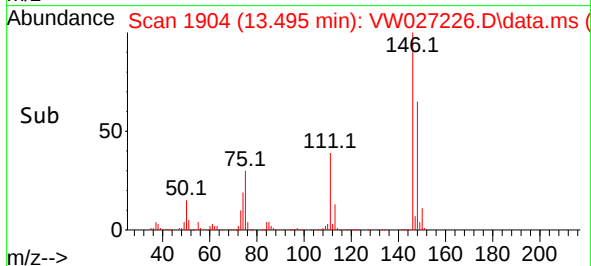
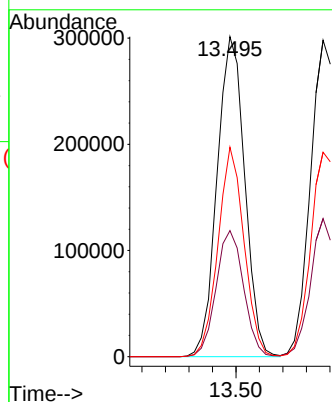
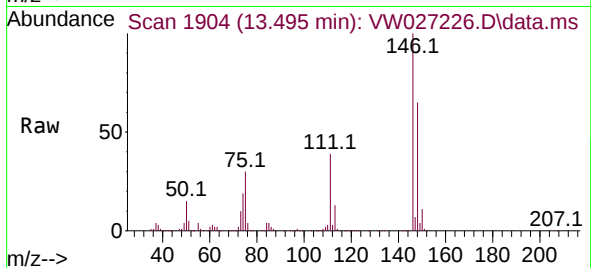
Tgt Ion:146 Resp: 492887

Ion Ratio Lower Upper

146 100

111 39.4 26.9 50.1

148 65.4 43.3 80.5



#65

1,4-Dichlorobenzene

Concen: 24.218 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

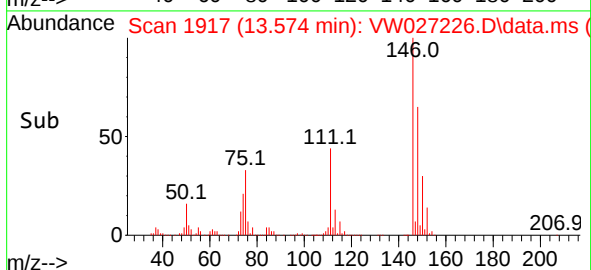
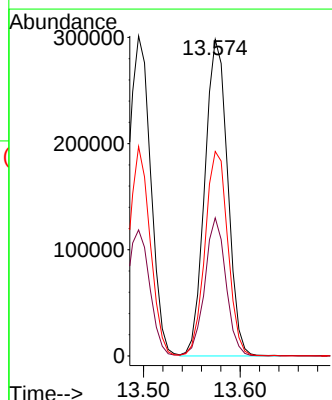
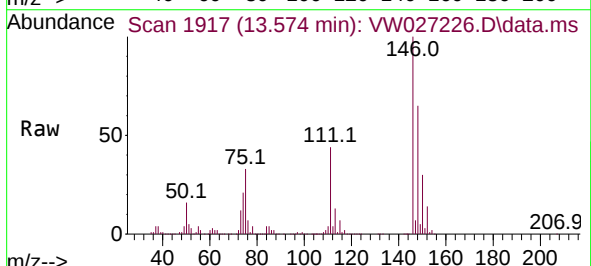
Tgt Ion:146 Resp: 489133

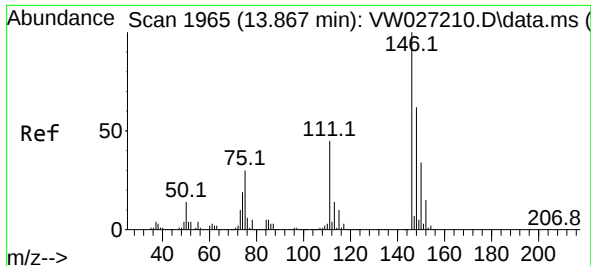
Ion Ratio Lower Upper

146 100

111 43.6 26.9 50.1

148 64.6 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 24.487 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

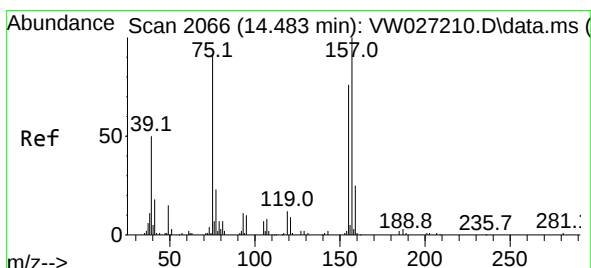
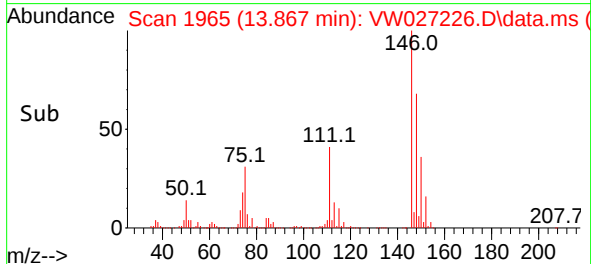
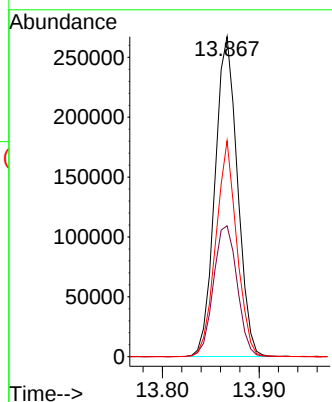
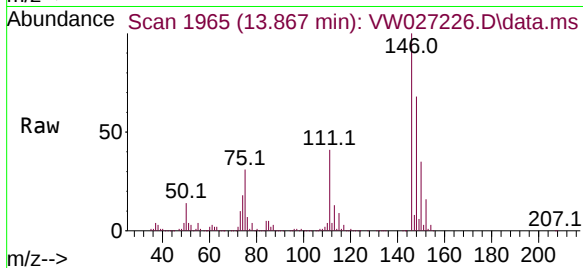
Tgt Ion:146 Resp: 431474

Ion Ratio Lower Upper

146 100

111 40.9 35.6 53.4

148 67.5 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.694 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

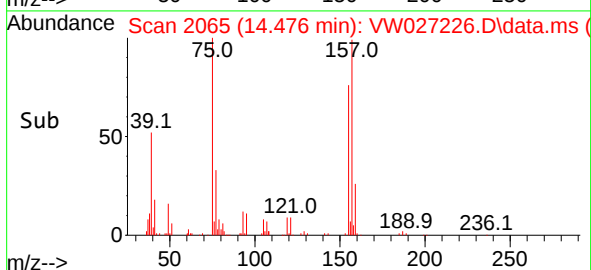
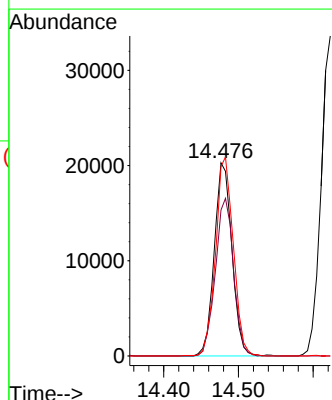
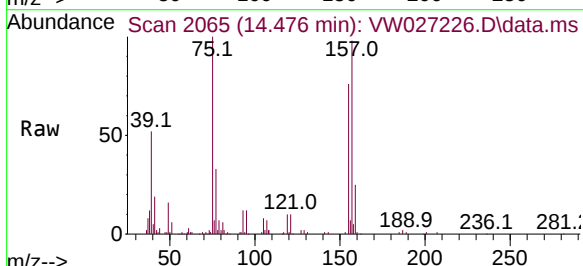
Tgt Ion: 75 Resp: 33329

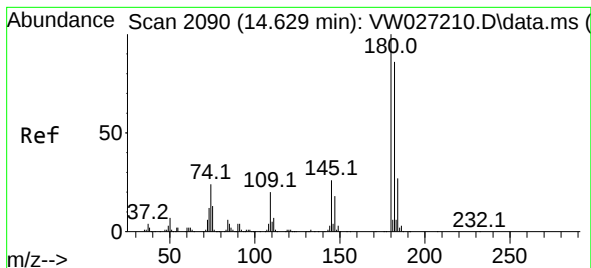
Ion Ratio Lower Upper

75 100

155 75.6 56.5 84.7

157 98.0 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 24.455 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 316568

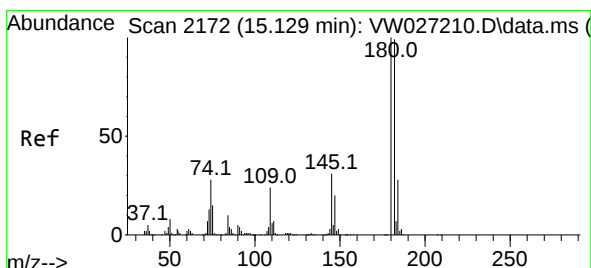
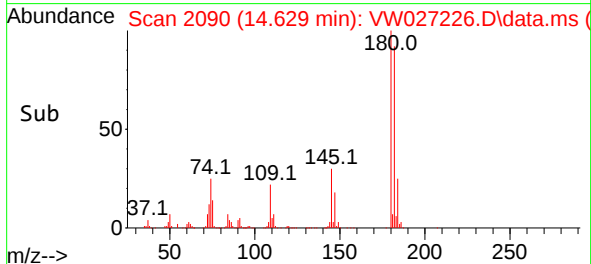
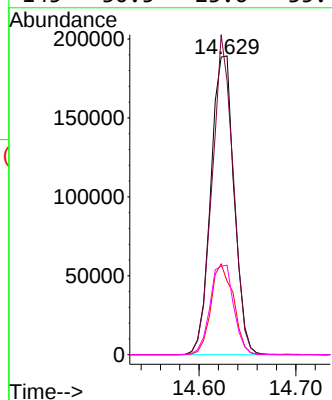
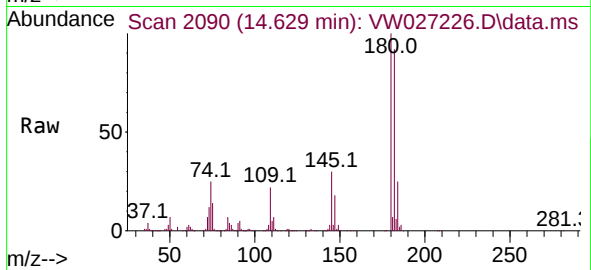
Ion Ratio Lower Upper

180 100

182 96.9 70.2 105.2

184 29.4 24.6 37.0

145 30.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 25.545 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

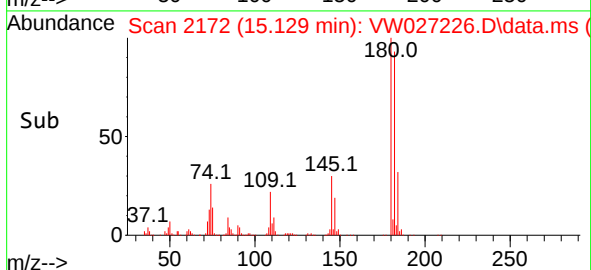
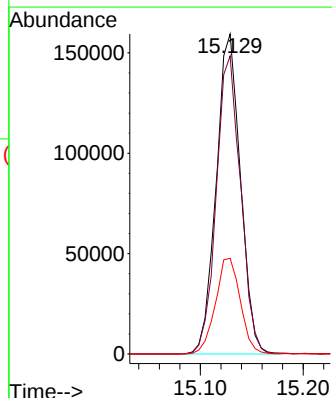
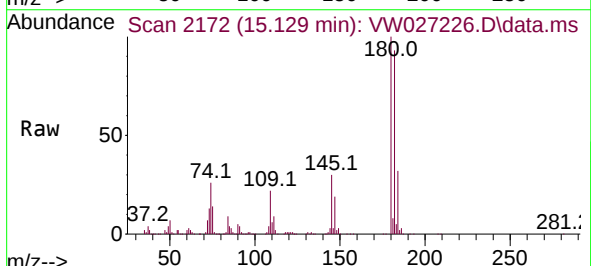
Tgt Ion:180 Resp: 260888

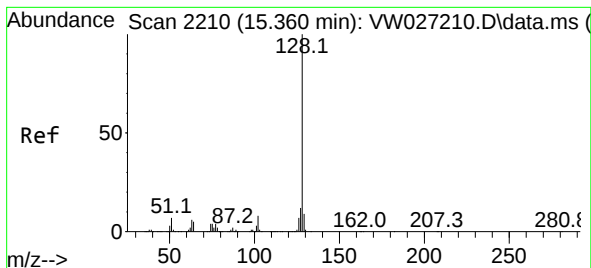
Ion Ratio Lower Upper

180 100

182 93.3 77.4 116.2

145 30.6 24.3 36.5





#71

Naphthalene

Concen: 25.310 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

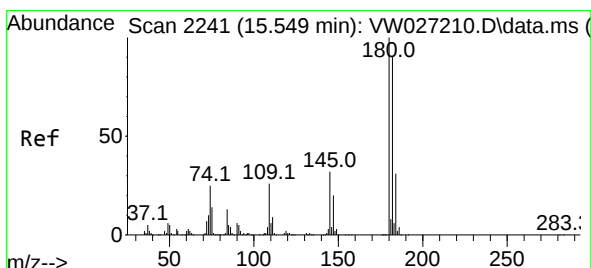
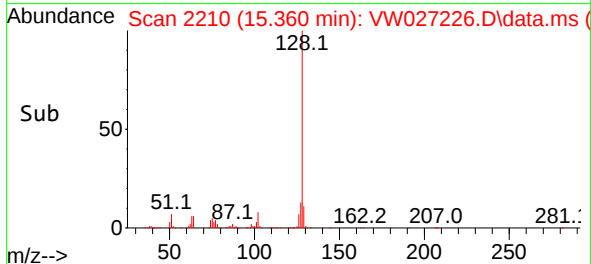
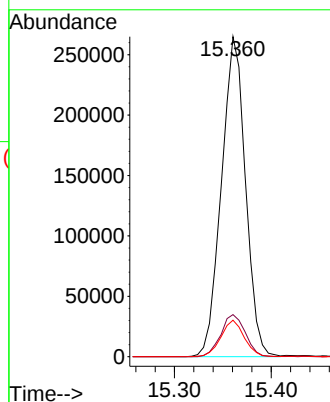
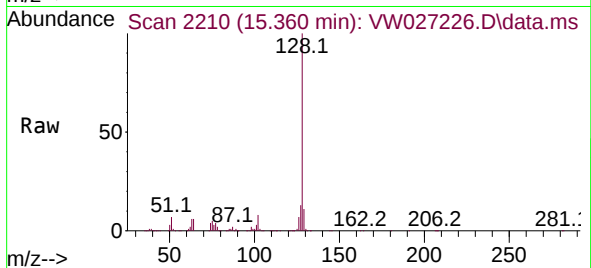
Tgt Ion:128 Resp: 456061

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.294 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027226.D

Acq: 04 Oct 2023 18:39

Tgt Ion:180 Resp: 229304

Ion Ratio Lower Upper

180 100

182 93.8 74.7 112.1

145 32.0 26.4 39.6

