

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026128.D
 Acq On : 08 Jun 2023 09:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Jun 09 01:21:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 08 00:20:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	742700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	660343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	319447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247463	23.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
7) Chloroethane-d5	2.899	69	204338	26.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.520%
11) 1,1-Dichloroethene-d2	4.021	65	120861	23.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.075	46	136971	45.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.060%
24) Chloroform-d	7.648	84	493590	22.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.301	65	261517	21.990	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.960%
32) Benzene-d6	8.270	84	1010953	22.752	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.270	67	313562	22.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.319	98	890123	22.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.360%
43) trans-1,3-Dichloroprop...	10.575	79	116863	20.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.800%
47) 2-Hexanone-d5	10.922	63	96267	43.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	226809	22.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	265743	21.734	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	175121	19.234	ug/L	99
3) Chloromethane	2.223	50	269156	23.056	ug/L	97
5) Vinyl chloride	2.369	62	301796	24.185	ug/L	99
6) Bromomethane	2.790	94	163382	24.017	ug/L	100
8) Chloroethane	2.930	64	172143	25.528	ug/L	98
9) Trichlorofluoromethane	3.265	101	204656	25.493	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	225371	22.248	ug/L	99
12) 1,1-Dichloroethene	4.039	96	222701	23.551	ug/L	90
13) Acetone	4.119	43	137806	58.549	ug/L	99
14) Carbon disulfide	4.387	76	751264	22.505	ug/L	100
15) Methyl Acetate	4.667	43	114511	21.677	ug/L	100
16) Methylene chloride	4.911	84	248634	20.975	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	233320	21.992	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	330293	19.753	ug/L	99
19) 1,1-Dichloroethane	6.216	63	474251	21.957	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	247646	22.036	ug/L	99
22) 2-Butanone	7.167	43	169212	50.398	ug/L	98
23) Bromochloromethane	7.508	128	103294	21.552	ug/L	92
25) Chloroform	7.673	83	436404	21.693	ug/L	96

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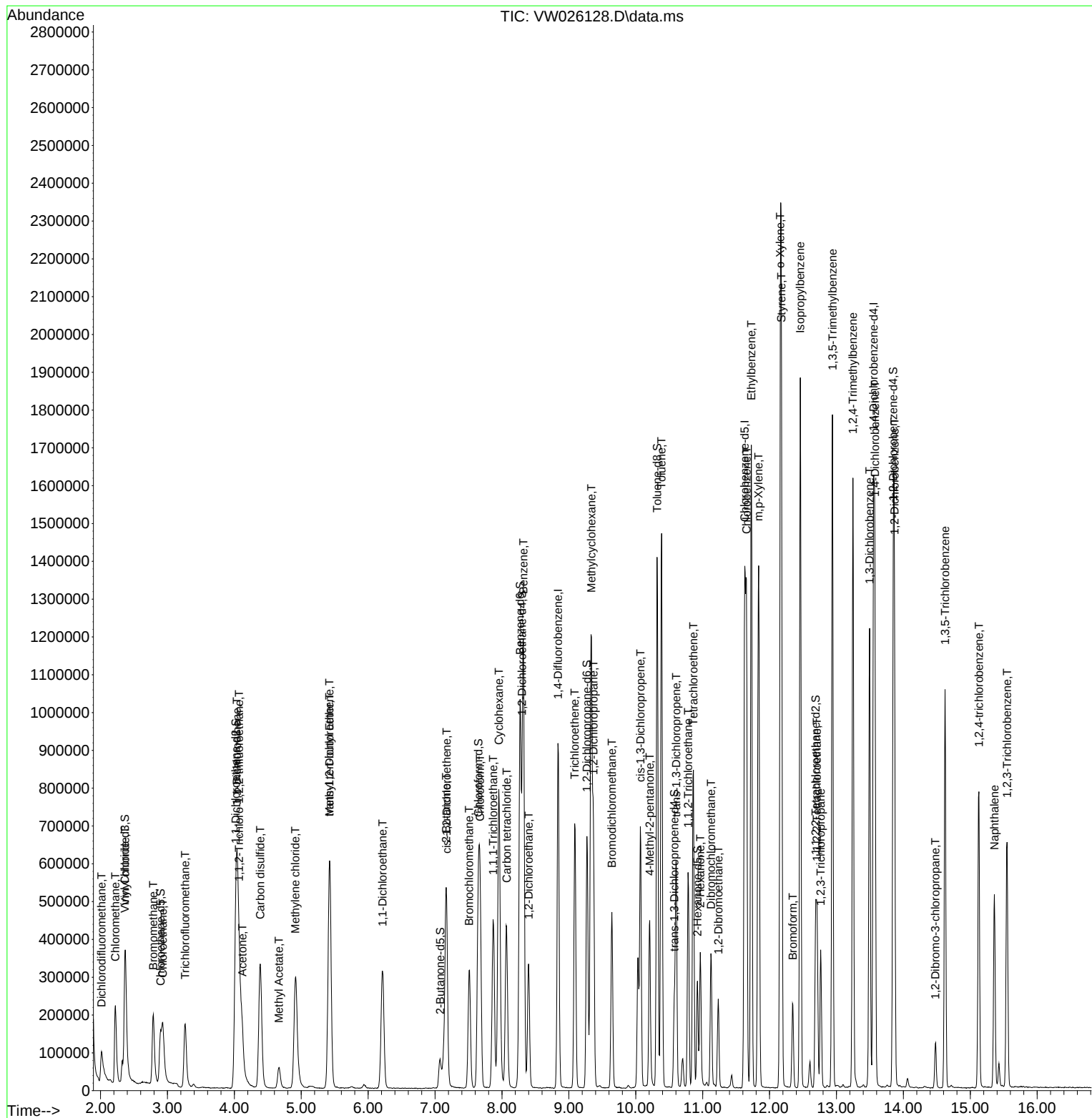
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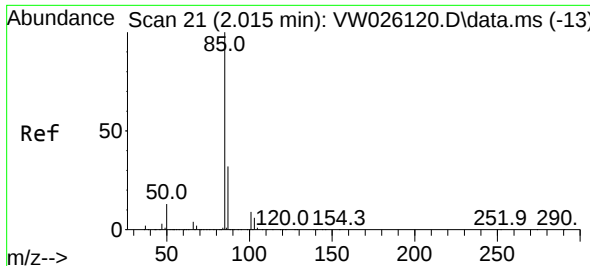
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	294240	21.207	ug/L	99
29) Cyclohexane	7.953	56	458089	22.470	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	356379	22.239	ug/L	99
31) Carbon tetrachloride	8.069	117	322803	22.075	ug/L	99
33) Benzene	8.319	78	997457	22.050	ug/L	100
34) Trichloroethene	9.087	95	250154	21.596	ug/L	97
35) Methylcyclohexane	9.337	83	460165	22.451	ug/L	99
37) 1,2-Dichloropropane	9.368	63	263764	21.528	ug/L	100
38) Bromodichloromethane	9.642	83	305118	21.435	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	392684	21.809	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	311153	43.075	ug/L	100
42) Toluene	10.386	91	1047326	22.636	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	321051	21.403	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	173064	21.432	ug/L	98
46) Tetrachloroethene	10.861	164	174750	21.329	ug/L	96
48) 2-Hexanone	10.965	43	239070	46.938	ug/L	98
49) Dibromochloromethane	11.123	129	177331	20.946	ug/L	97
50) 1,2-Dibromoethane	11.233	107	155061	20.739	ug/L #	98
51) Chlorobenzene	11.654	112	630119	21.733	ug/L	95
52) Ethylbenzene	11.727	91	1159918	22.224	ug/L	98
53) m,p-Xylene	11.837	106	432762	22.288	ug/L	92
54) o-Xylene	12.160	106	404996	22.099	ug/L	96
55) Styrene	12.178	104	702108	22.332	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	202852	20.758	ug/L	96
59) Bromoform	12.349	173	97461	20.313	ug/L	98
60) Isopropylbenzene	12.459	105	1115812	22.235	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	147585	20.625	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	882870	22.131	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	799404	21.879	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	460008	21.801	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	463503	21.819	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	415805	21.945	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	32420	19.556	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	291344	20.101	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	237434	19.853	ug/L	94
71) Naphthalene	15.360	128	408029	19.142	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	205331	19.644	ug/L	100

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

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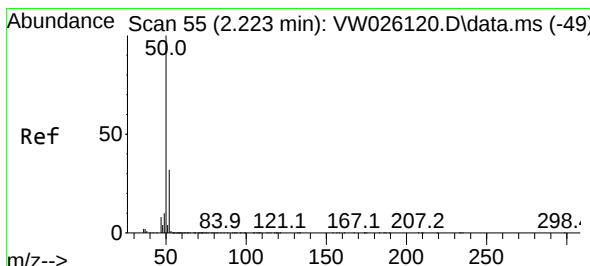
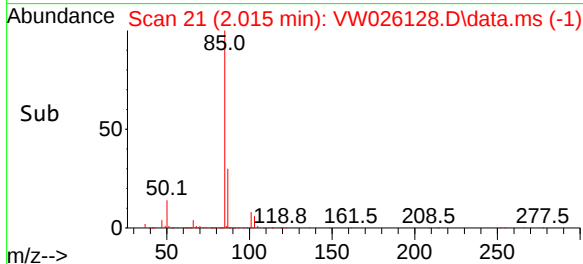
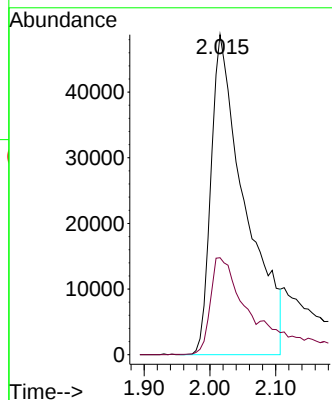
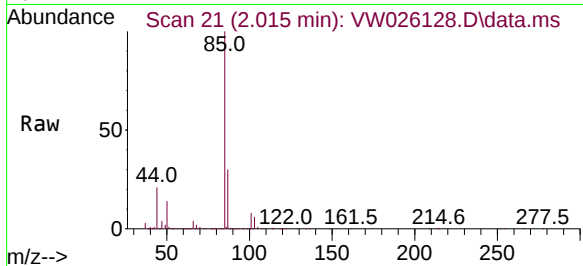




#2
 Dichlorodifluoromethane
 Concen: 19.234 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026128.D
 Acq: 08 Jun 2023 09:21

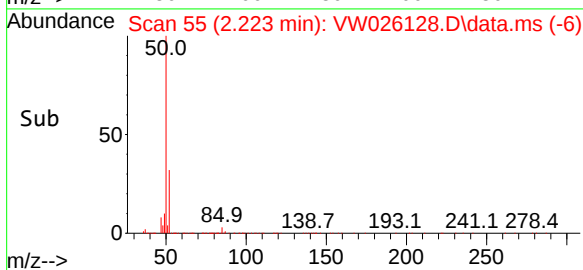
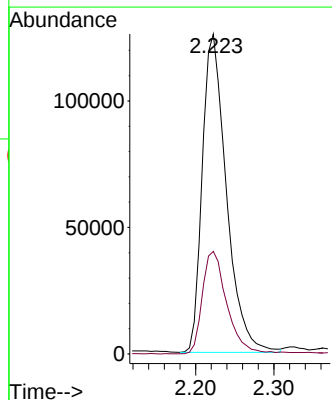
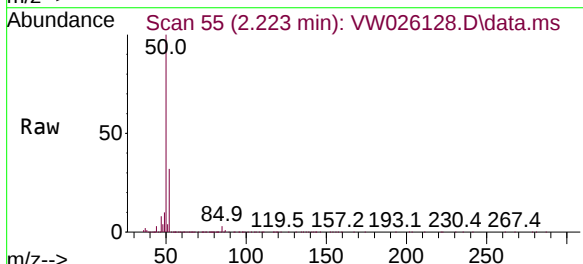
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

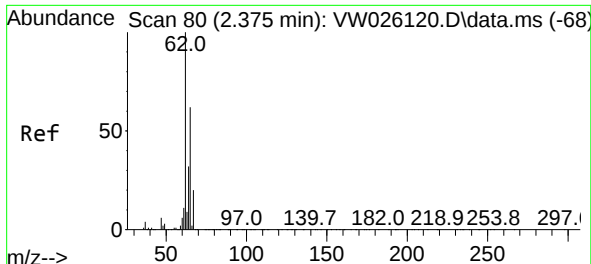
Tgt Ion: 85 Resp: 175121
 Ion Ratio Lower Upper
 85 100
 87 26.9 22.2 33.2



#3
 Chloromethane
 Concen: 23.056 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026128.D
 Acq: 08 Jun 2023 09:21

Tgt Ion: 50 Resp: 269156
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.3 39.6

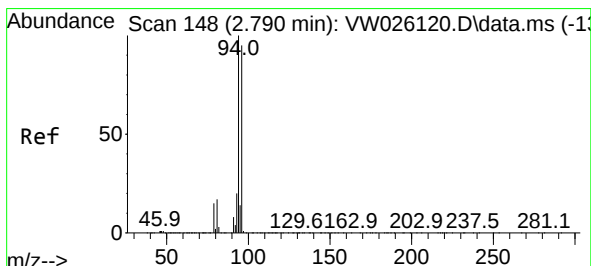
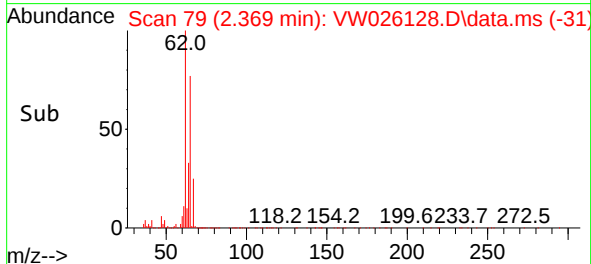
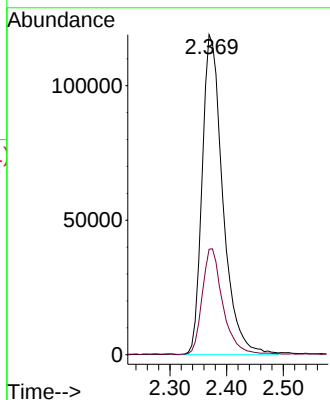
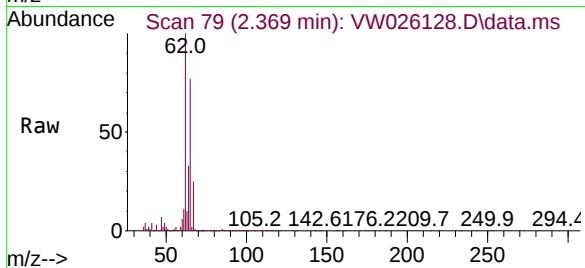




#5
 Vinyl chloride
 Concen: 24.185 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026128.D
 Acq: 08 Jun 2023 09:21

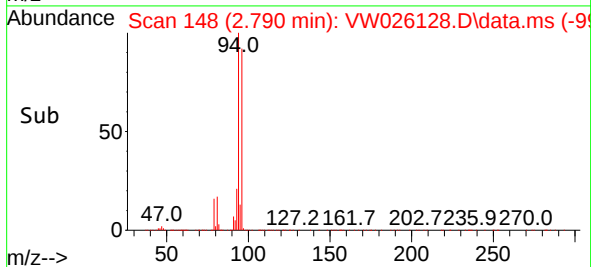
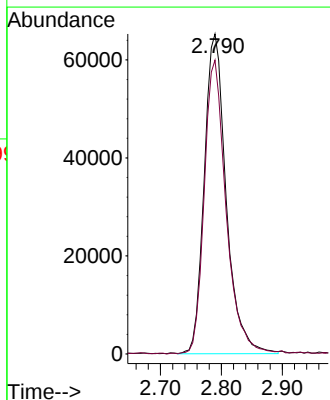
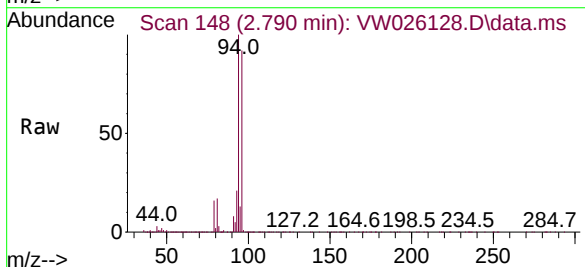
Instrument :
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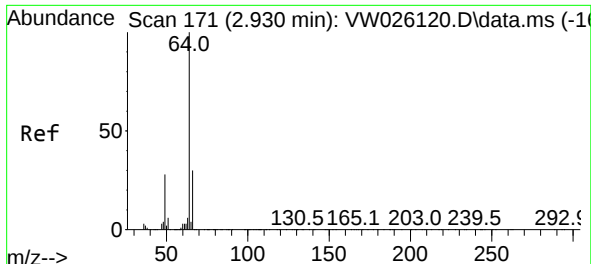
Tgt Ion: 62 Resp: 301796
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.1



#6
 Bromomethane
 Concen: 24.017 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026128.D
 Acq: 08 Jun 2023 09:21

Tgt Ion: 94 Resp: 163382
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.2 119.2

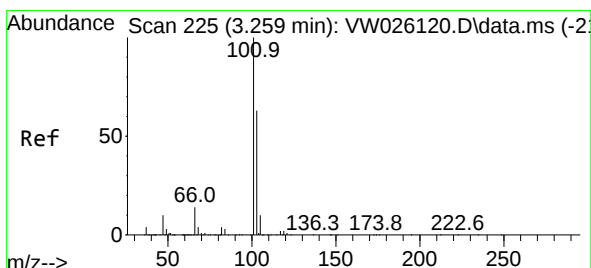
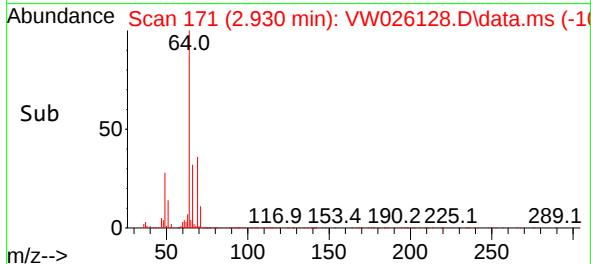
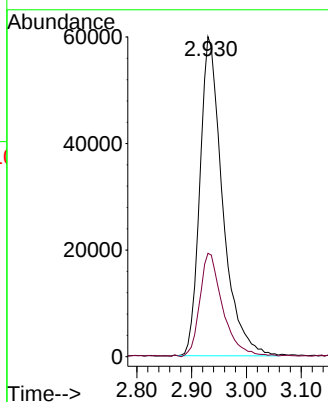
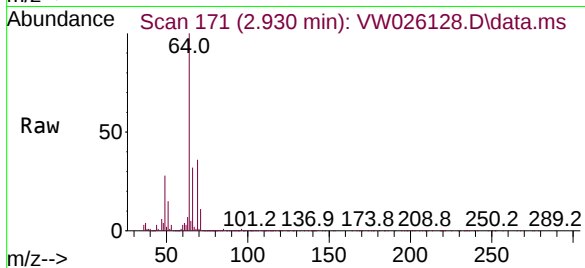




#8
Chloroethane
Concen: 25.528 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

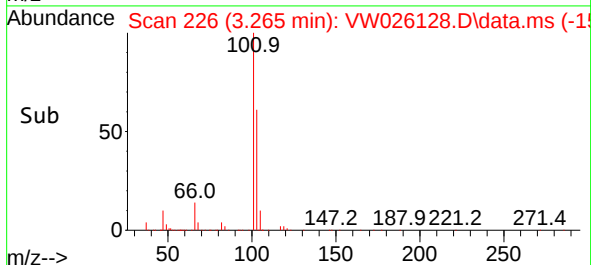
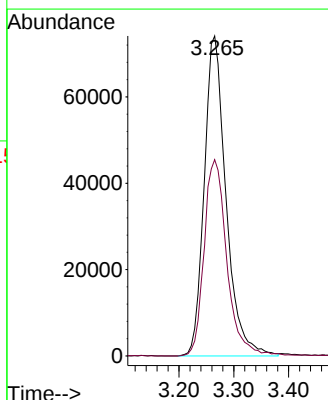
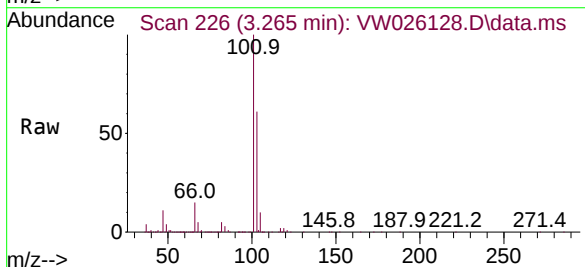
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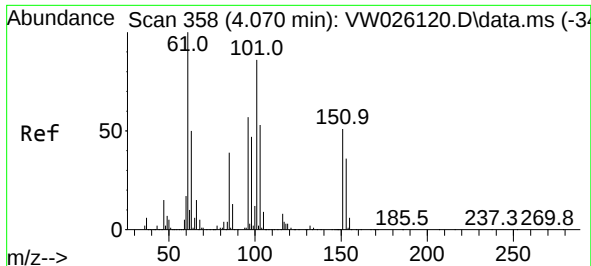
Tgt Ion: 64 Resp: 172143
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.493 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion:101 Resp: 204656
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

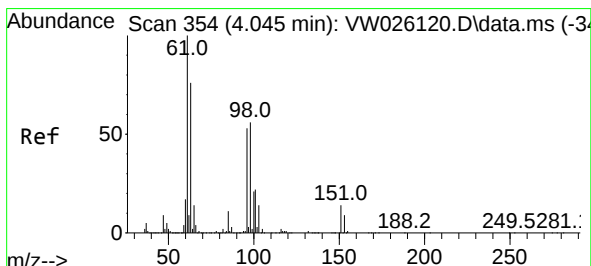
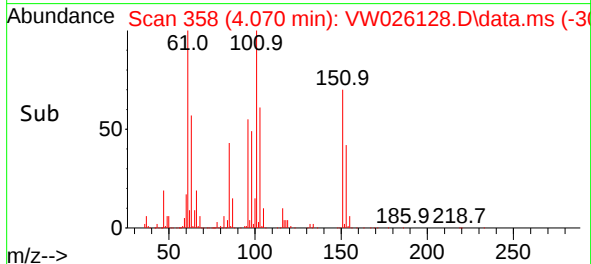
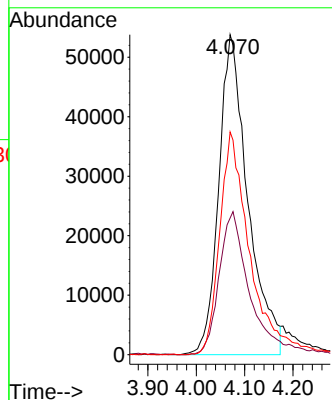
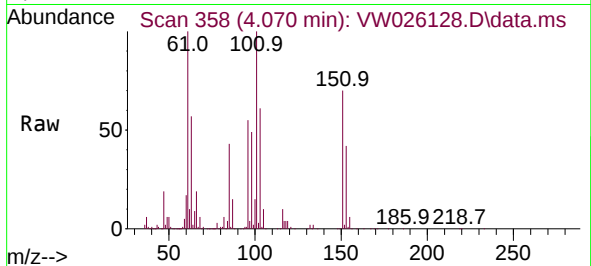




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.248 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026128.D
 Acq: 08 Jun 2023 09:21

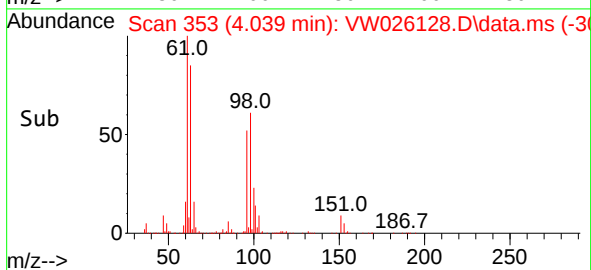
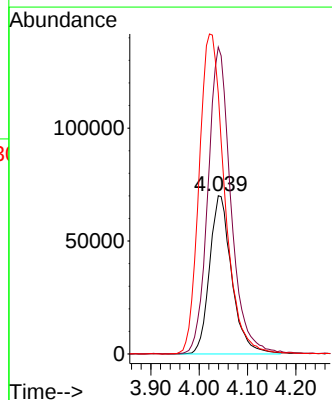
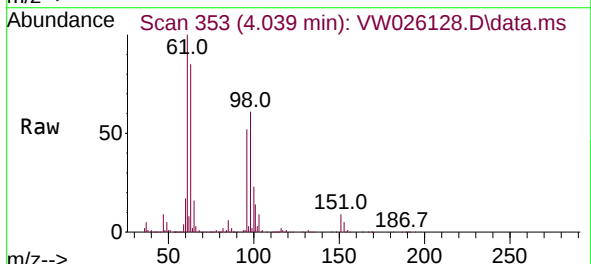
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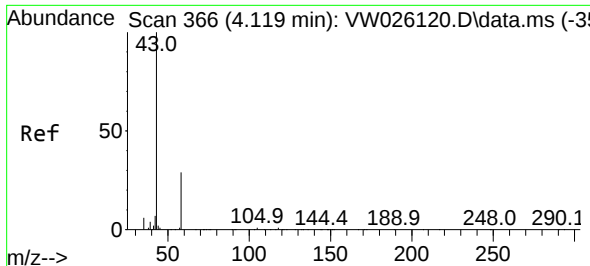
Tgt Ion:101 Resp: 225371
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.1 54.1
 151 70.4 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 23.551 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026128.D
 Acq: 08 Jun 2023 09:21

Tgt Ion: 96 Resp: 222701
 Ion Ratio Lower Upper
 96 100
 61 193.9 140.6 261.0
 63 164.9 131.7 244.5

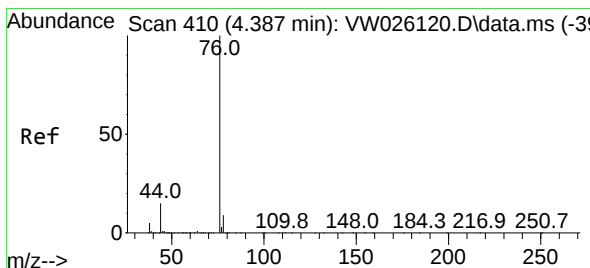
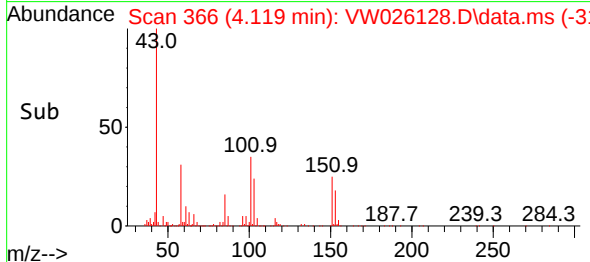
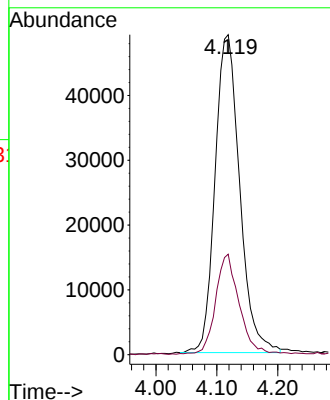
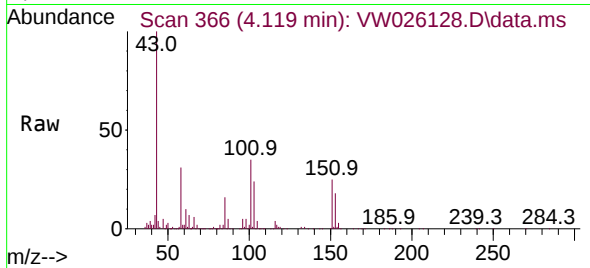




#13
Acetone
Concen: 58.549 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026128.D
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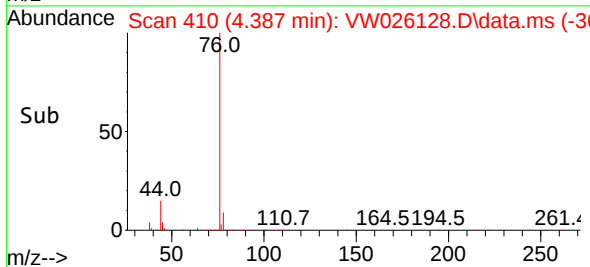
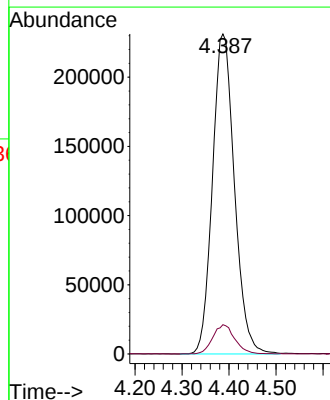
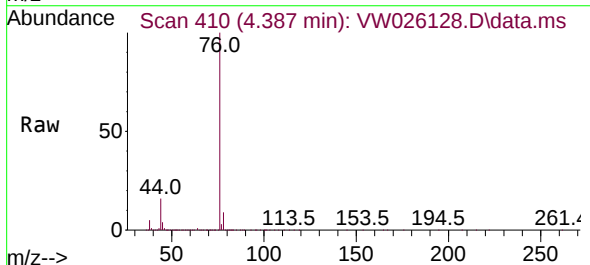
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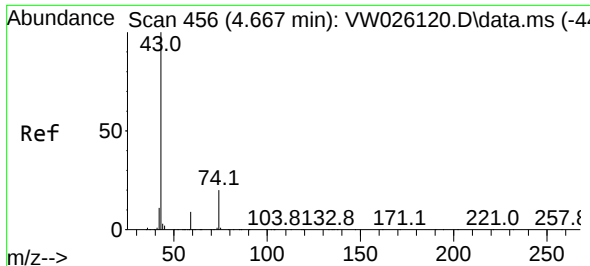
Tgt Ion: 43 Resp: 137806
Ion Ratio Lower Upper
43 100
58 28.5 0.0 58.2



#14
Carbon disulfide
Concen: 22.505 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 76 Resp: 751264
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

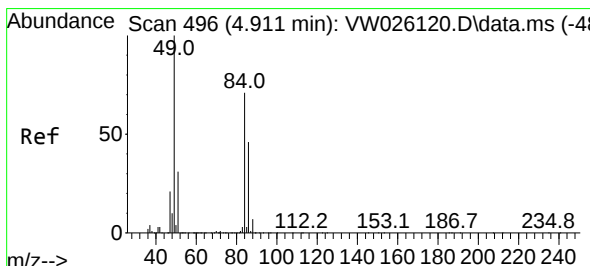
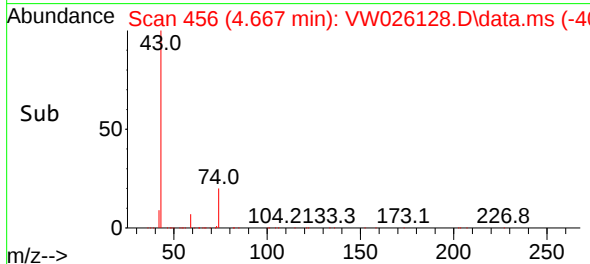
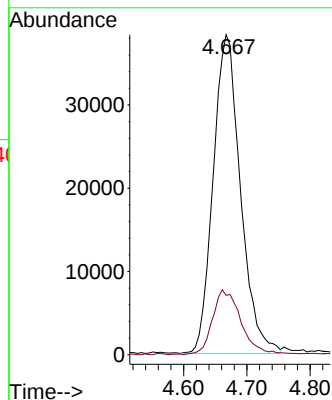
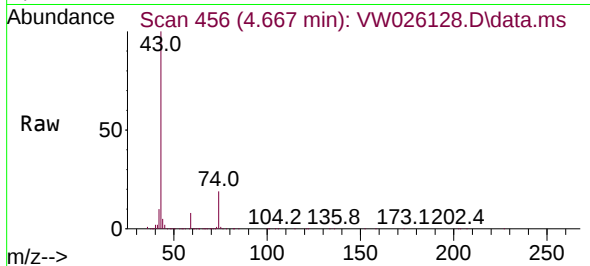




#15
Methyl Acetate
Concen: 21.677 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

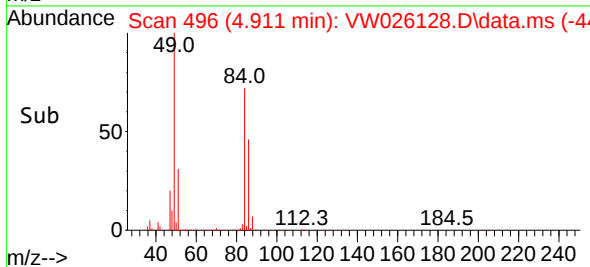
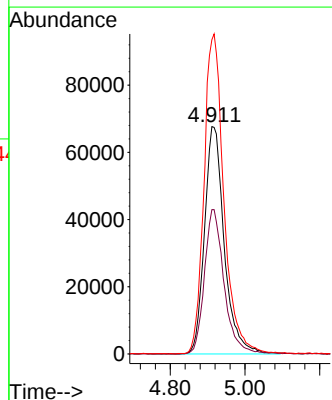
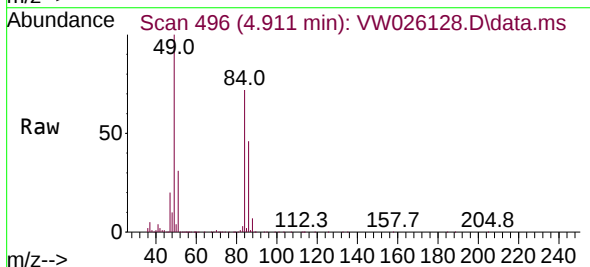
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

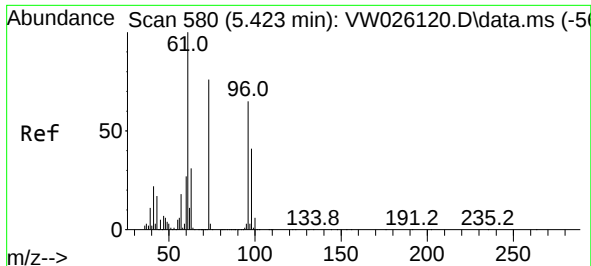
Tgt Ion: 43 Resp: 114511
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0



#16
Methylene chloride
Concen: 20.975 ug/L
RT: 4.911 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 84 Resp: 248634
Ion Ratio Lower Upper
84 100
86 63.5 44.2 82.0
49 138.2 98.8 183.6

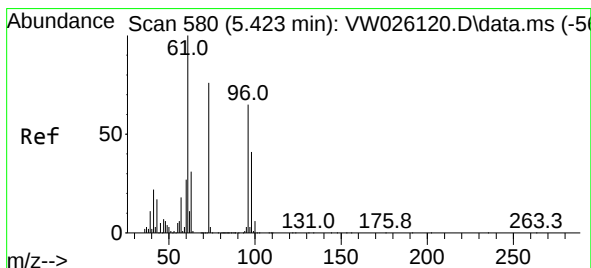
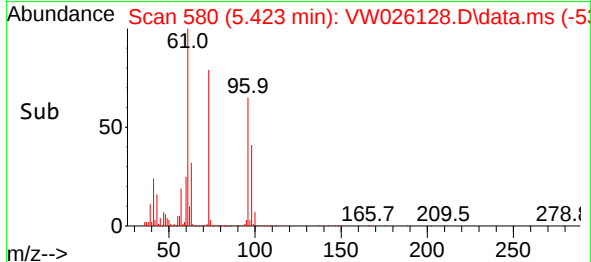
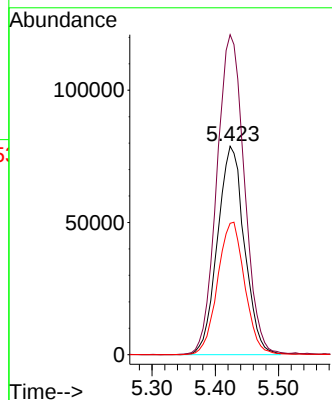
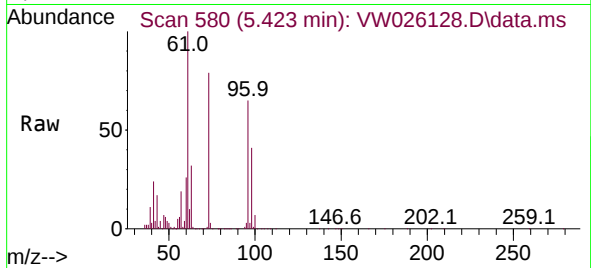




#17
trans-1,2-Dichloroethene
Concen: 21.992 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

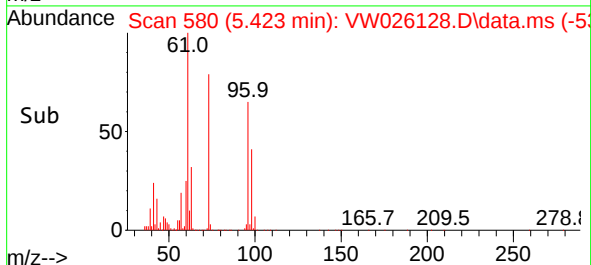
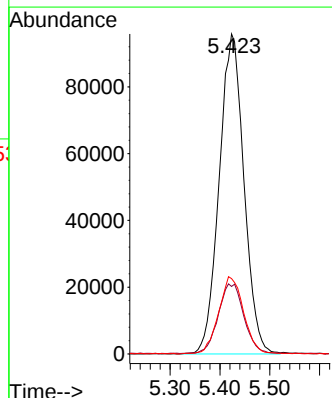
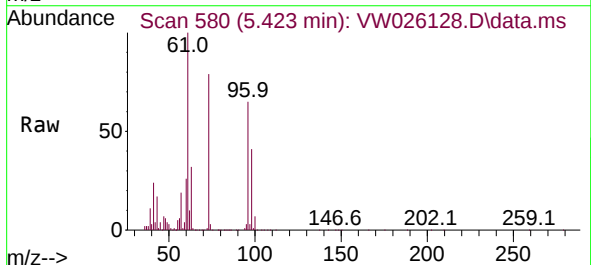
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

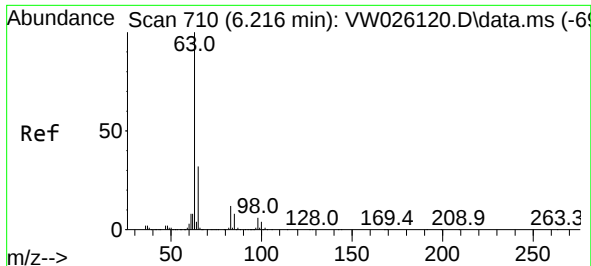
Tgt Ion: 96 Resp: 233320
Ion Ratio Lower Upper
96 100
61 153.5 113.0 209.8
98 63.0 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 19.753 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 73 Resp: 330293
Ion Ratio Lower Upper
73 100
43 22.5 17.8 26.6
57 24.4 18.9 28.3





#19

1,1-Dichloroethane

Concen: 21.957 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

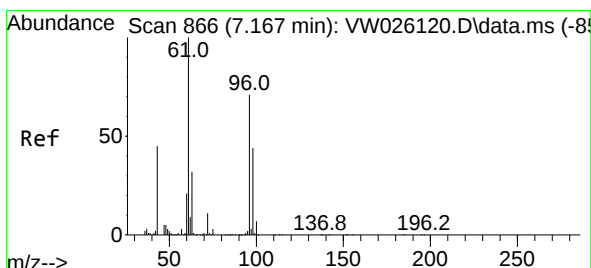
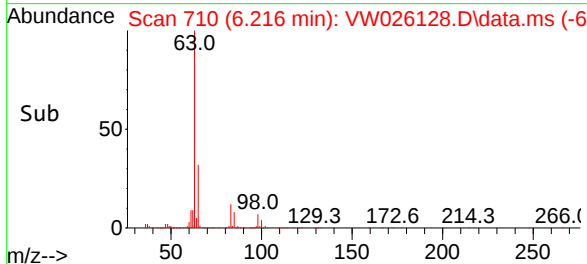
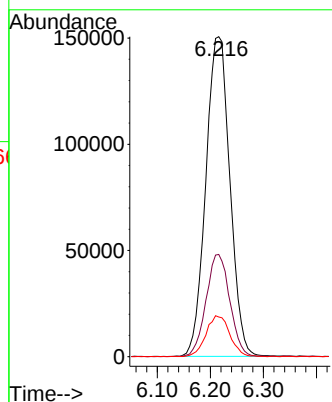
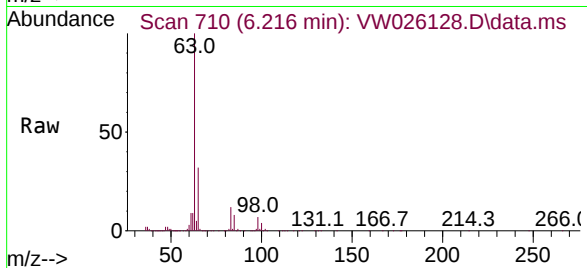
Tgt Ion: 63 Resp: 474251

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 12.4 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 22.036 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

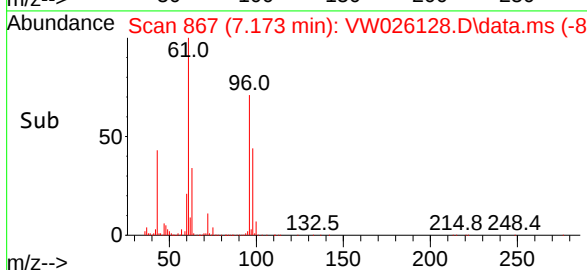
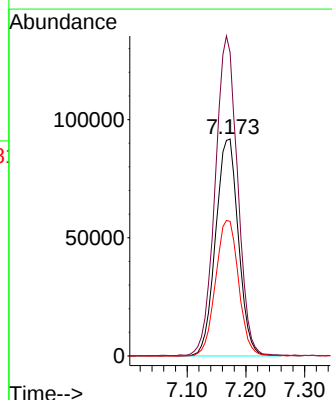
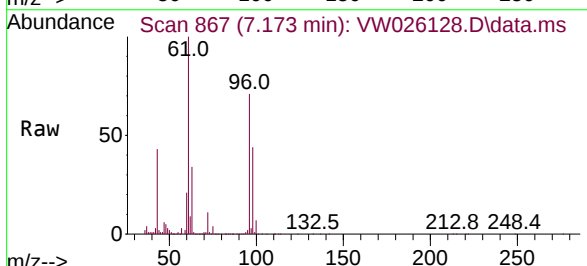
Tgt Ion: 96 Resp: 247646

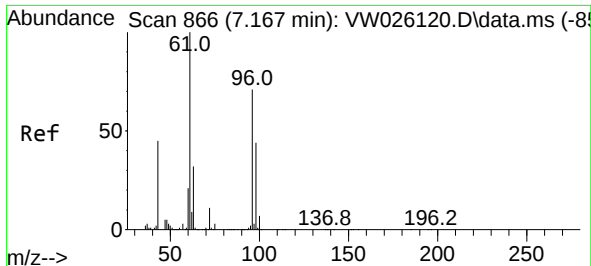
Ion Ratio Lower Upper

96 100

61 139.9 98.4 182.8

98 62.1 45.2 84.0

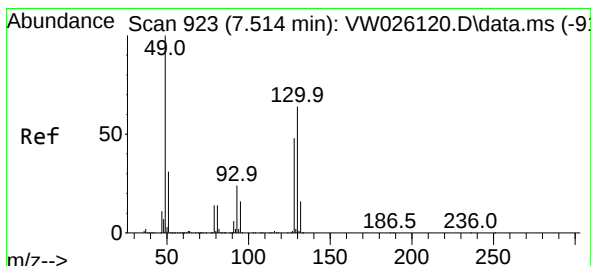
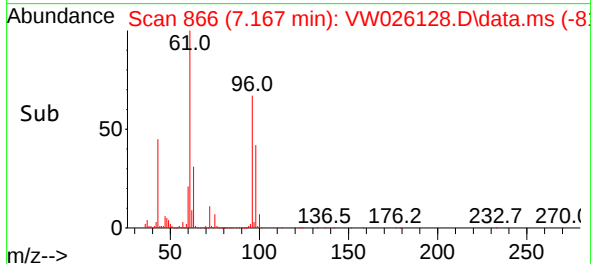
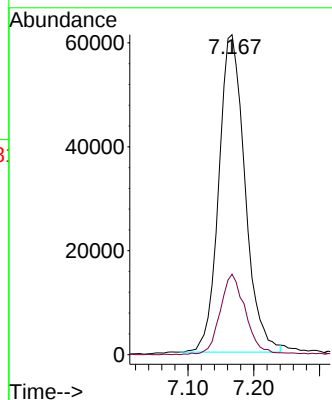
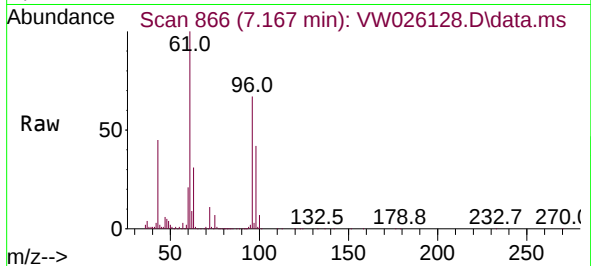




#22
2-Butanone
Concen: 50.398 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

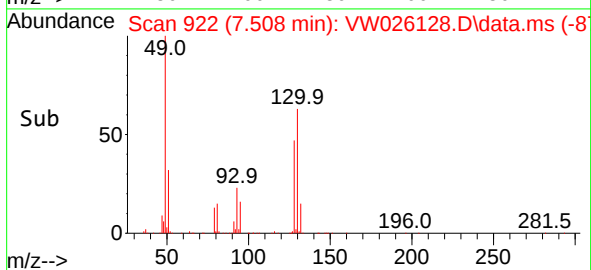
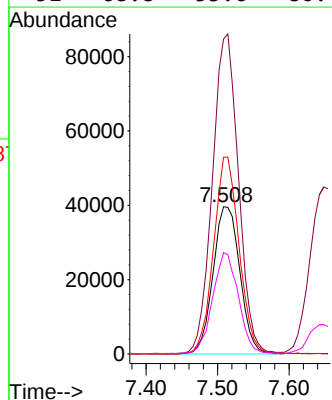
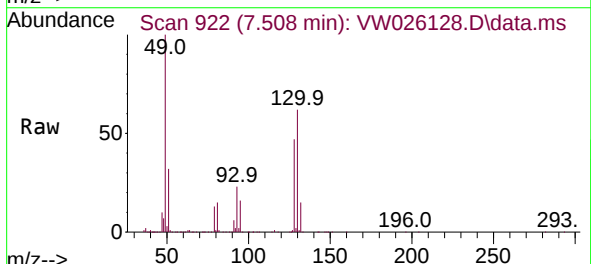
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

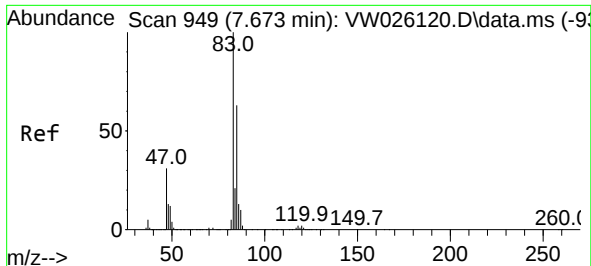
Tgt Ion: 43 Resp: 169212
Ion Ratio Lower Upper
43 100
72 23.7 12.4 37.4



#23
Bromochloromethane
Concen: 21.552 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 128 Resp: 103294
Ion Ratio Lower Upper
128 100
49 213.8 140.6 261.0
130 133.6 86.0 159.6
51 68.8 53.6 80.4

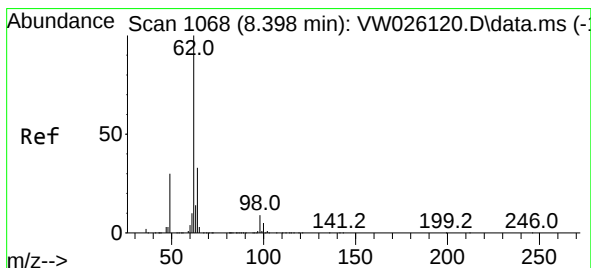
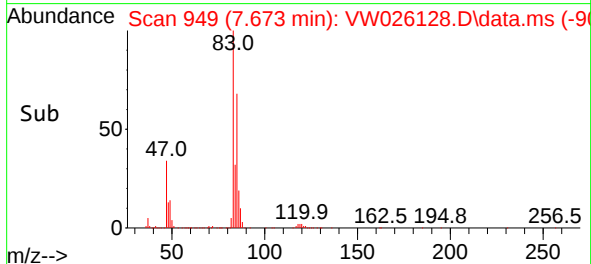
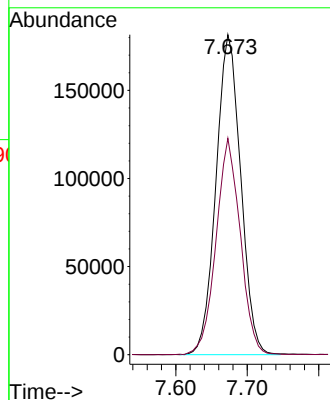
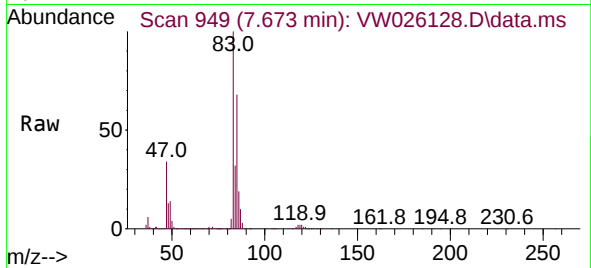




#25
Chloroform
Concen: 21.693 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

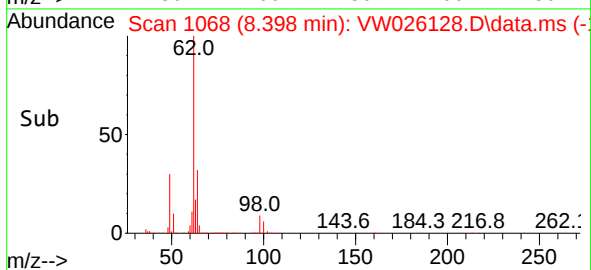
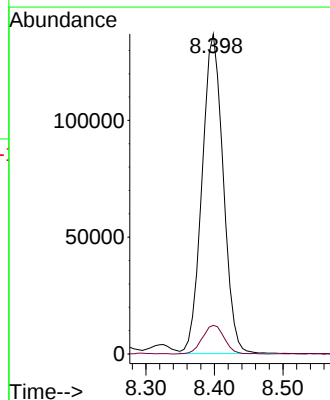
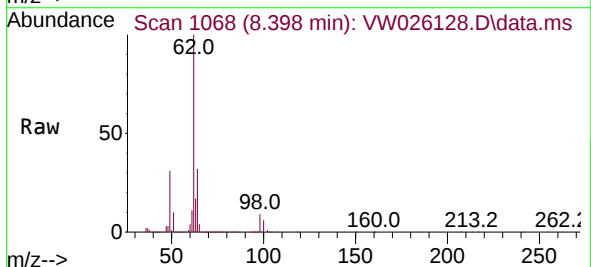
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

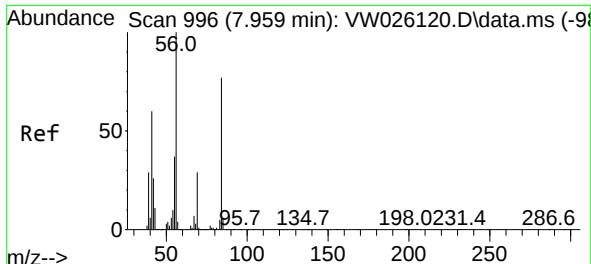
Tgt Ion: 83 Resp: 436404
Ion Ratio Lower Upper
83 100
85 67.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.207 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 62 Resp: 294240
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.2





#29

Cyclohexane

Concen: 22.470 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

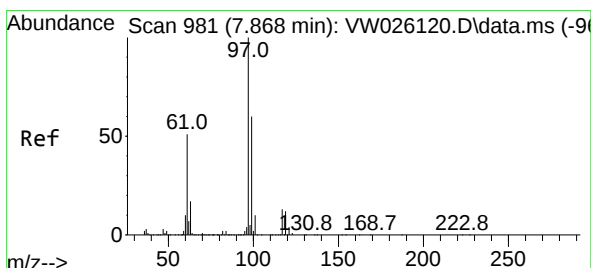
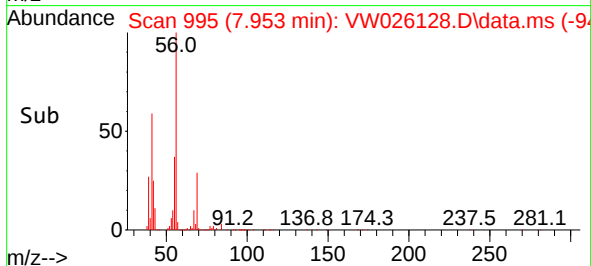
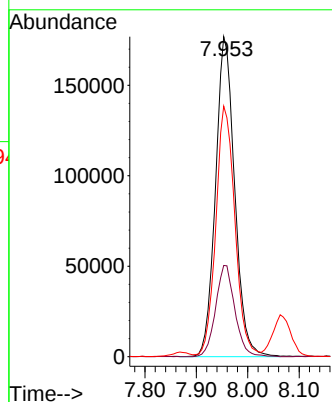
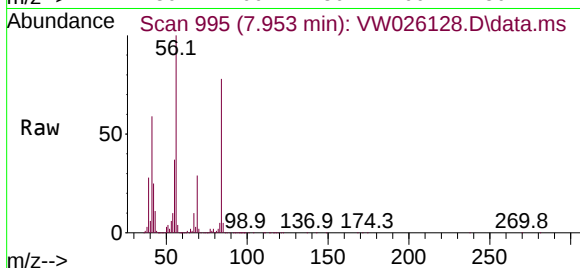
Tgt Ion: 56 Resp: 458089

Ion Ratio Lower Upper

56 100

69 28.6 23.3 34.9

84 78.3 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 22.239 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

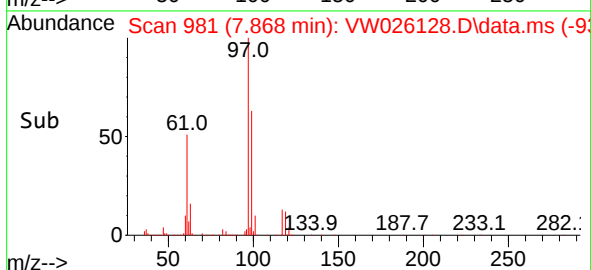
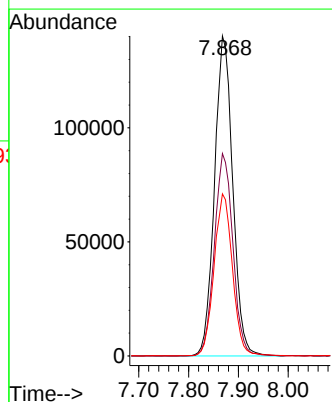
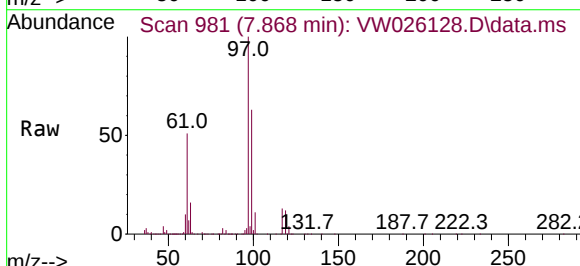
Tgt Ion: 97 Resp: 356379

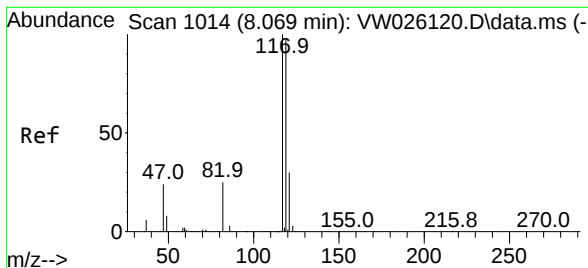
Ion Ratio Lower Upper

97 100

99 64.2 50.6 76.0

61 50.9 40.5 60.7

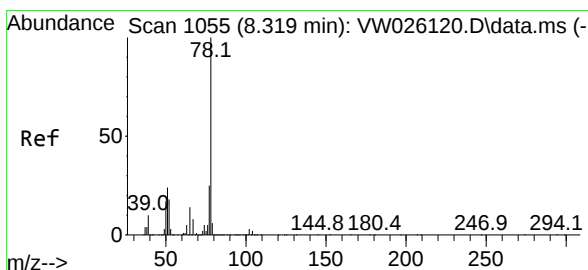
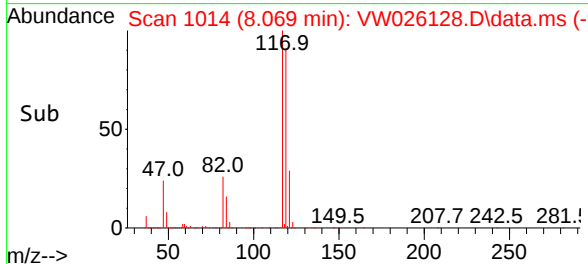
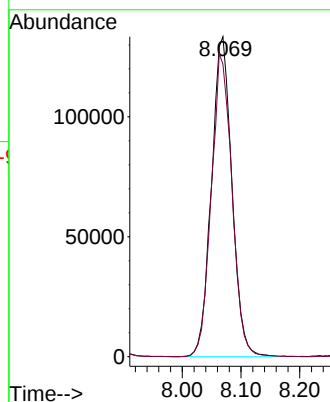
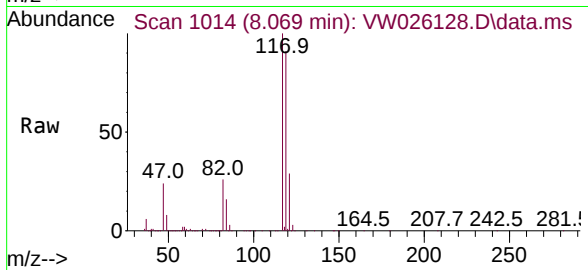




#31
Carbon tetrachloride
Concen: 22.075 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

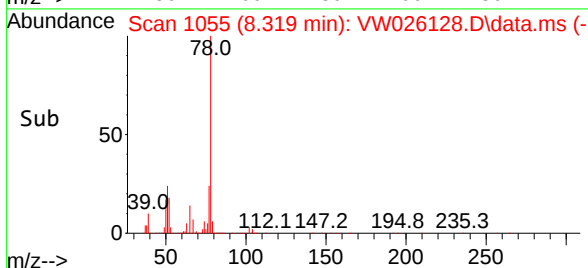
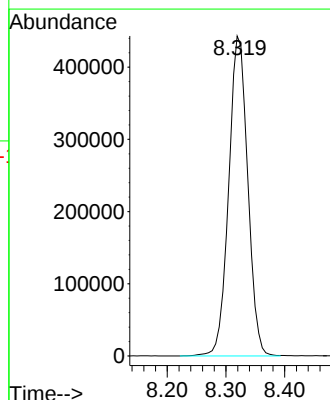
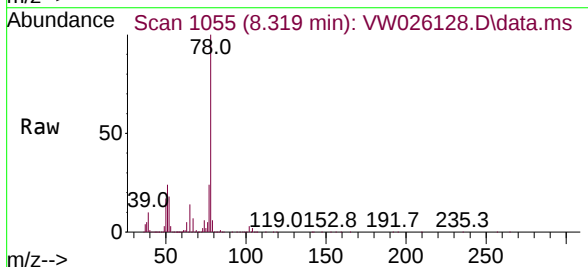
Instrument : MSVOA_W
ClientSampleId : VSTD025510

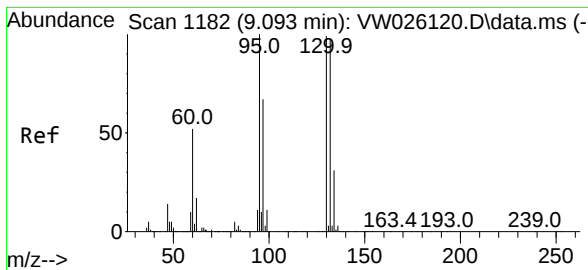
Tgt Ion:117 Resp: 322803
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2



#33
Benzene
Concen: 22.050 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 78 Resp: 997457





#34

Trichloroethene

Concen: 21.596 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

Tgt Ion: 95 Resp: 250154

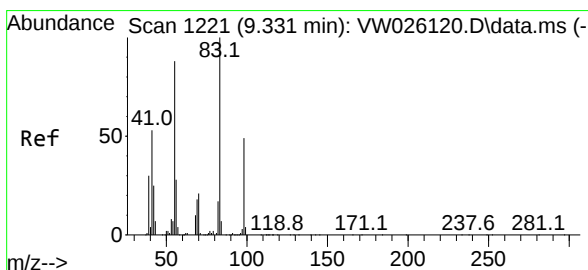
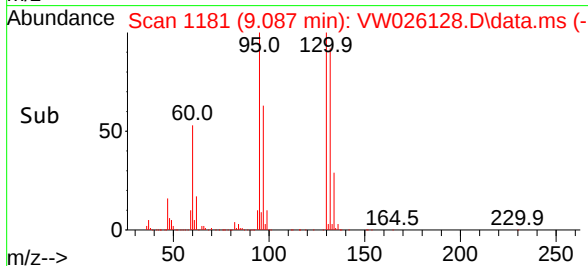
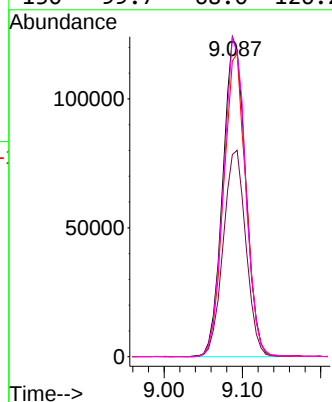
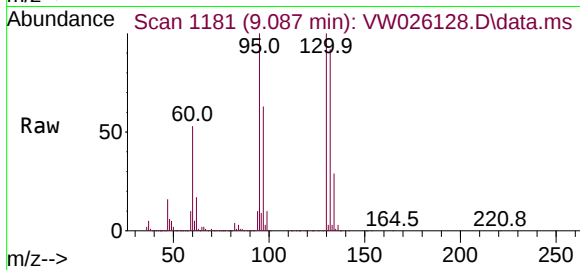
Ion Ratio Lower Upper

95 100

97 63.2 45.9 85.3

132 92.4 67.1 124.7

130 99.7 68.0 126.2



#35

Methylcyclohexane

Concen: 22.451 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

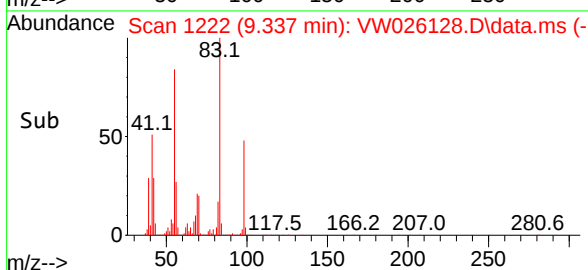
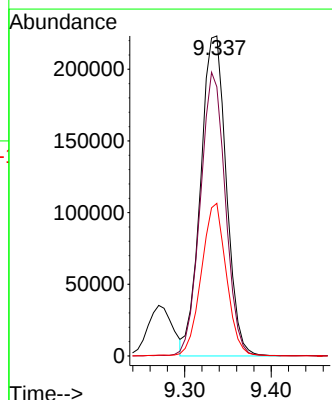
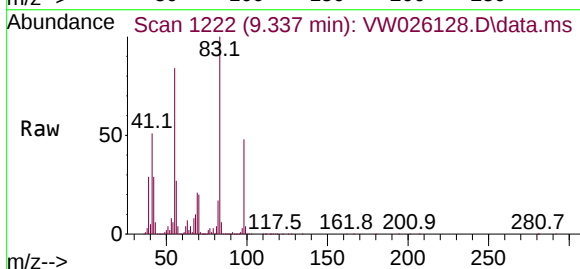
Tgt Ion: 83 Resp: 460165

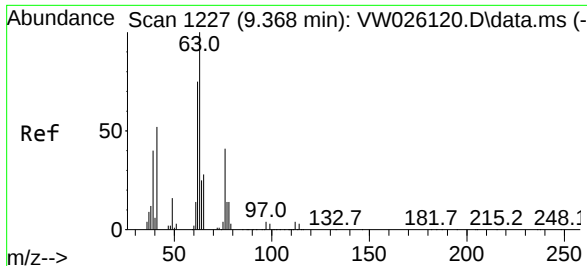
Ion Ratio Lower Upper

83 100

55 86.3 68.2 102.4

98 46.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 21.528 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

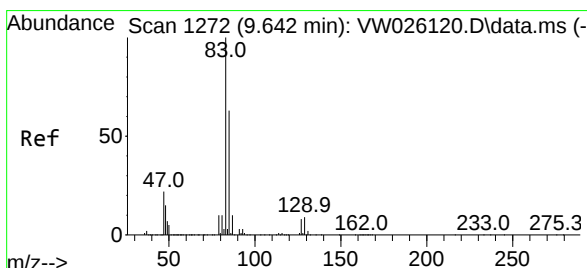
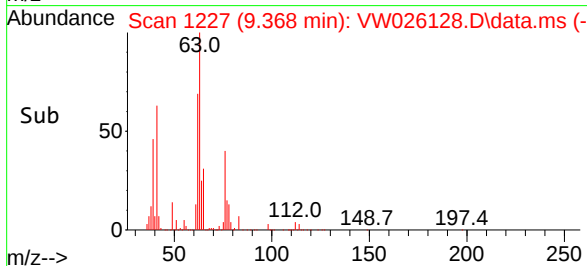
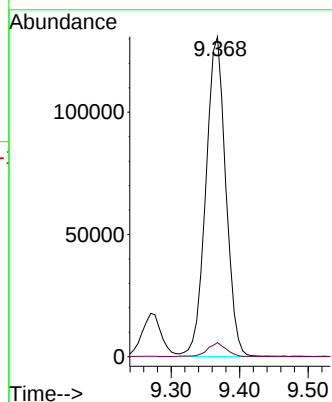
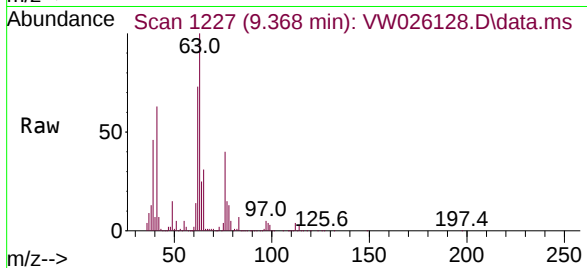
VSTD025510

Tgt Ion: 63 Resp: 263764

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 21.435 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

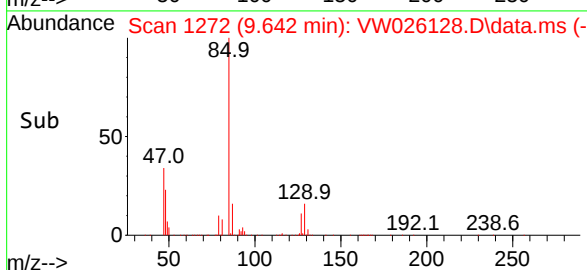
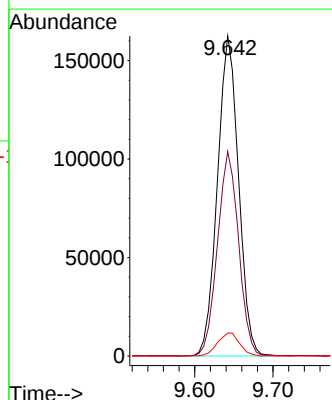
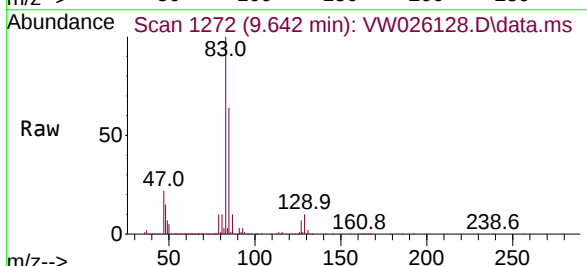
Tgt Ion: 83 Resp: 305118

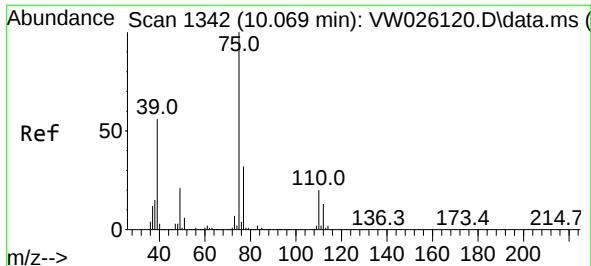
Ion Ratio Lower Upper

83 100

85 63.9 44.2 82.0

127 7.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.809 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

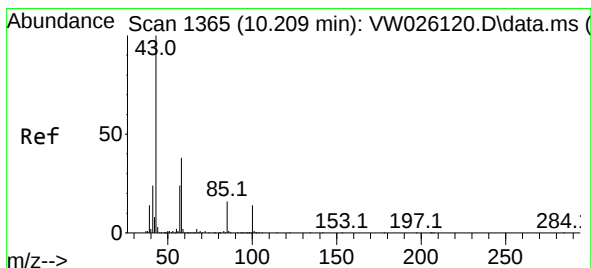
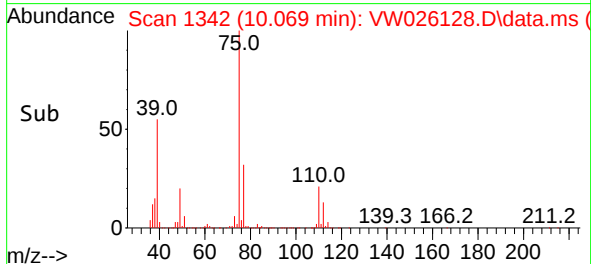
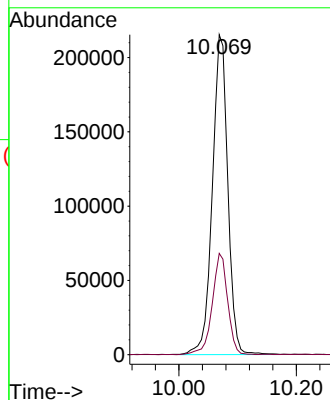
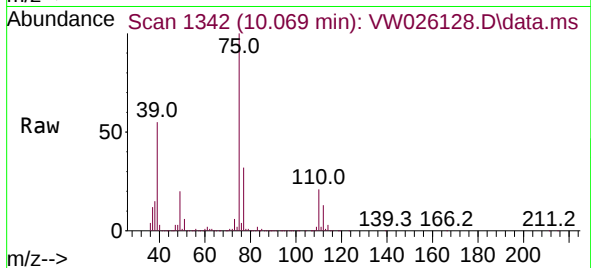
VSTD025510

Tgt Ion: 75 Resp: 392684

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 43.075 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

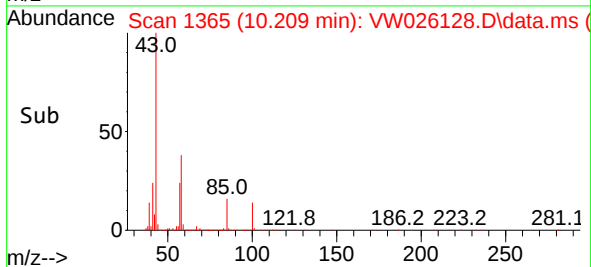
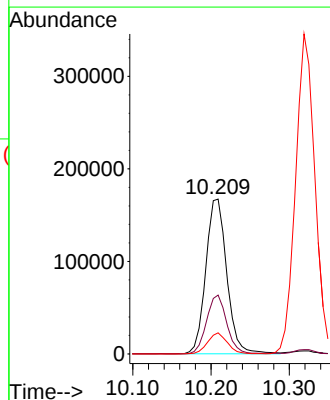
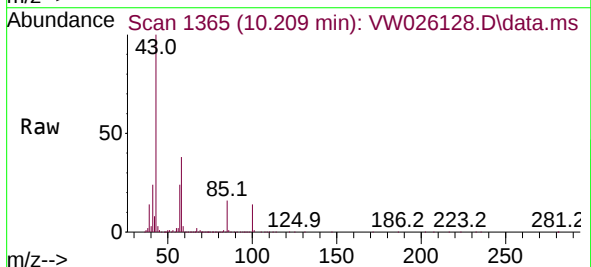
Tgt Ion: 43 Resp: 311153

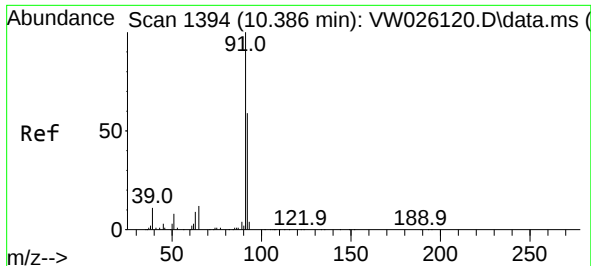
Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.4

100 13.0 10.5 15.7

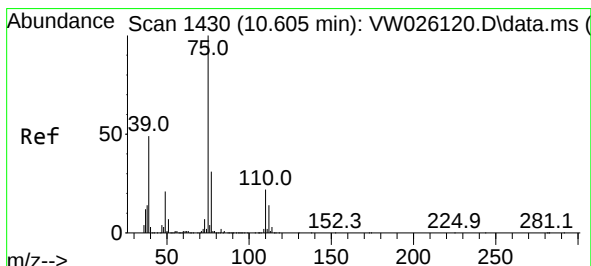
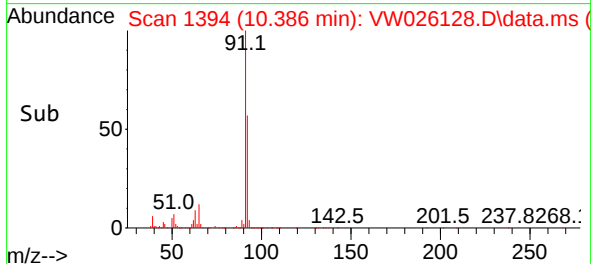
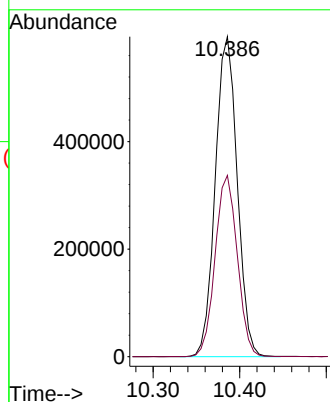
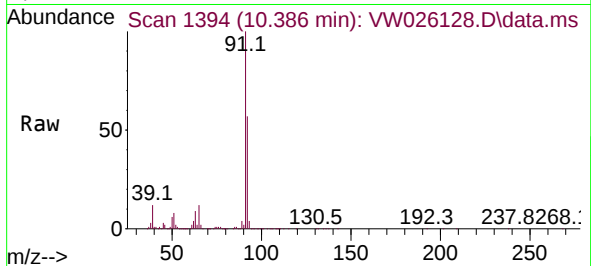




#42
Toluene
Concen: 22.636 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

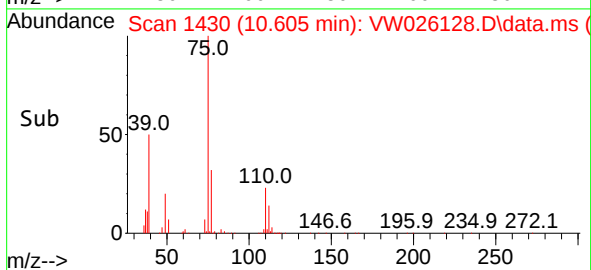
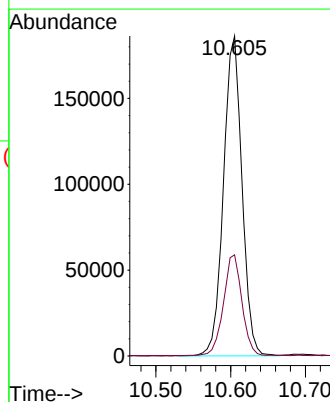
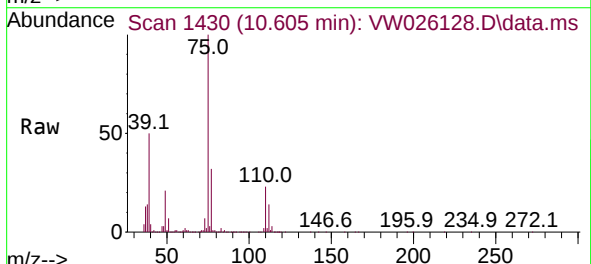
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

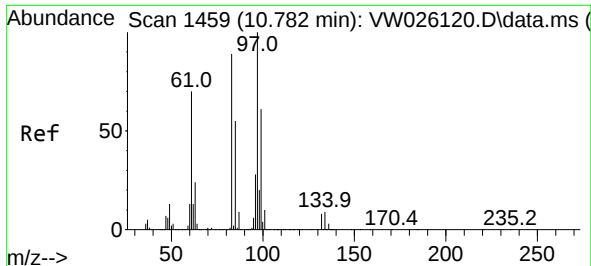
Tgt Ion: 91 Resp: 1047326
Ion Ratio Lower Upper
91 100
92 56.7 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.403 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 75 Resp: 321051
Ion Ratio Lower Upper
75 100
77 31.6 21.1 39.3



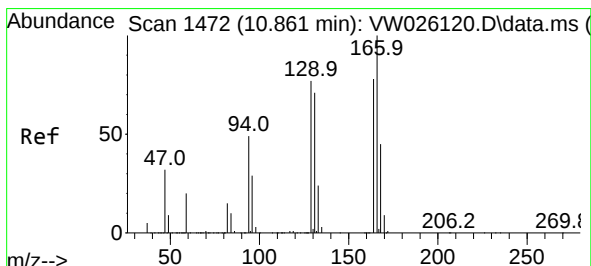
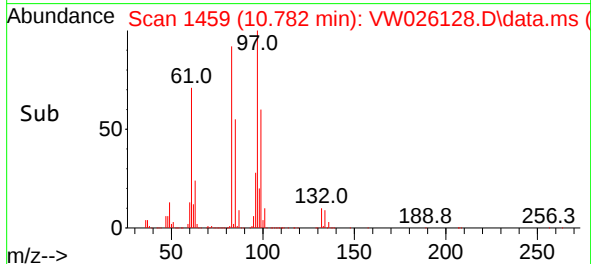
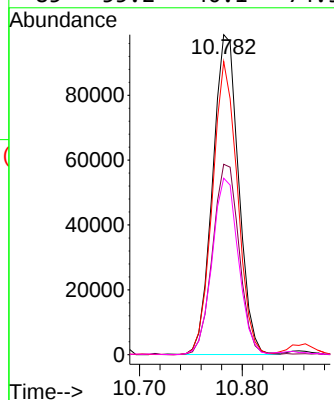
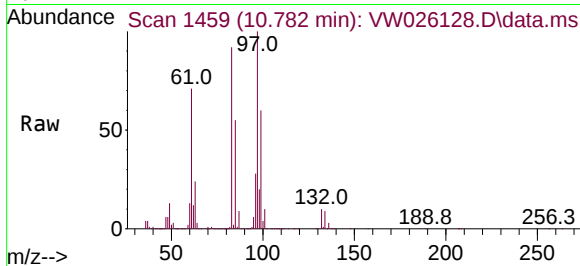


#45
1,1,2-Trichloroethane
Concen: 21.432 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Tgt Ion: 97 Resp: 173064

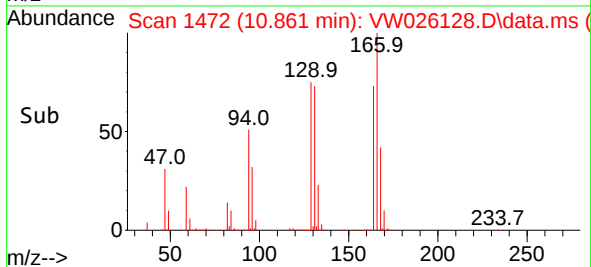
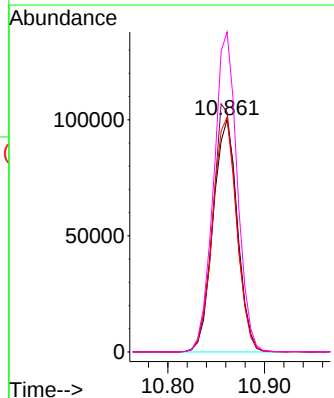
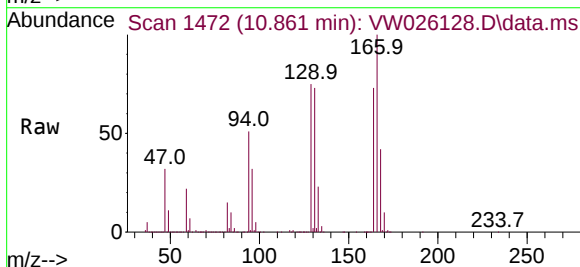
Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.3	80.5
83	91.6	62.9	116.9
85	55.2	40.1	74.5

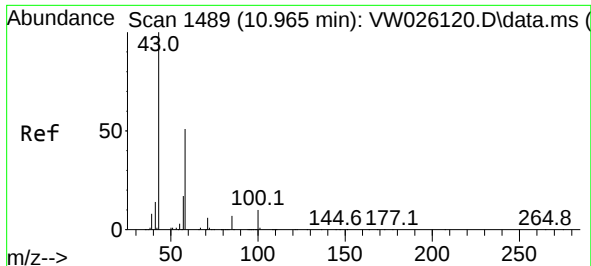


#46
Tetrachloroethene
Concen: 21.329 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 164 Resp: 174750

Ion	Ratio	Lower	Upper
164	100		
129	103.1	68.5	127.1
131	100.9	67.1	124.7
166	137.6	94.1	174.8

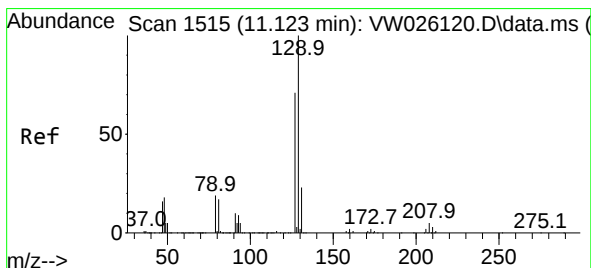
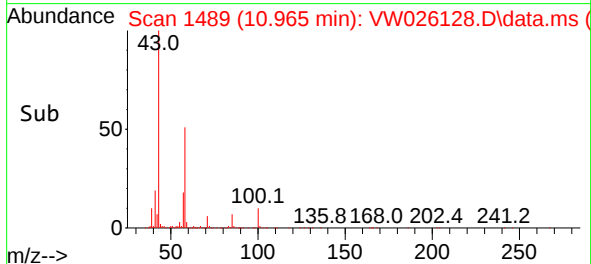
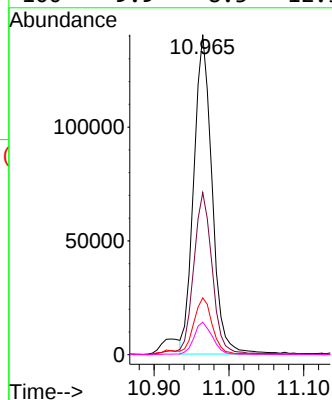
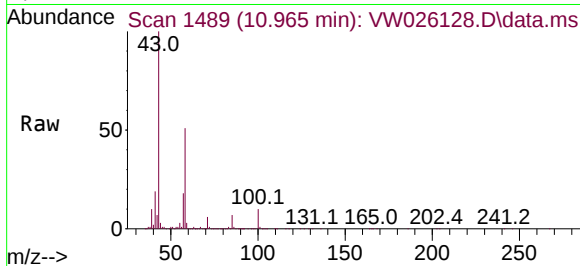




#48
2-Hexanone
Concen: 46.938 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

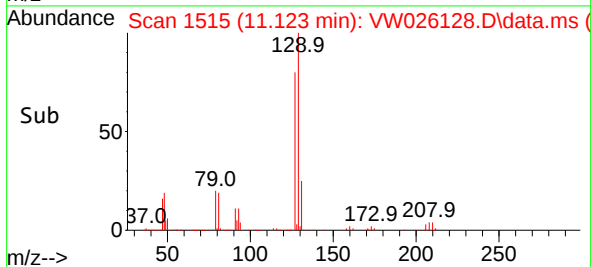
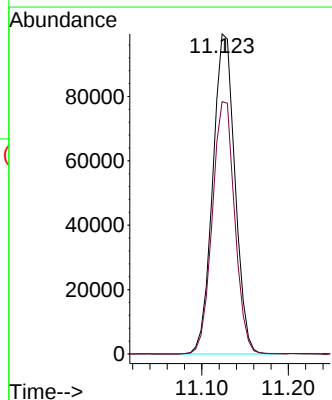
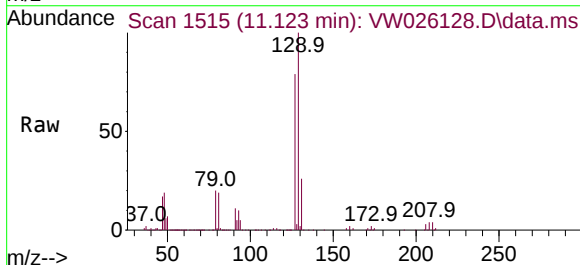
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

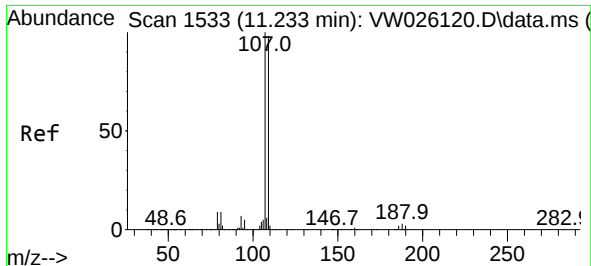
Tgt Ion: 43 Resp: 239070
Ion Ratio Lower Upper
43 100
58 50.3 42.2 63.2
57 17.8 14.2 21.2
100 9.9 8.3 12.5



#49
Dibromochloromethane
Concen: 20.946 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 129 Resp: 177331
Ion Ratio Lower Upper
129 100
127 78.9 56.9 105.7





#50

1,2-Dibromoethane

Concen: 20.739 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

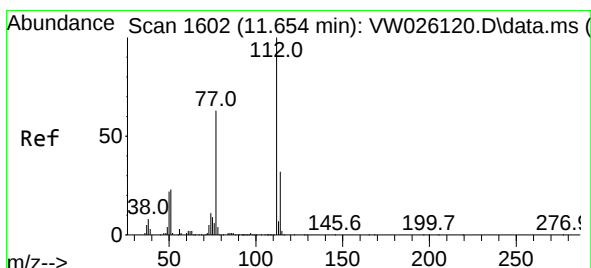
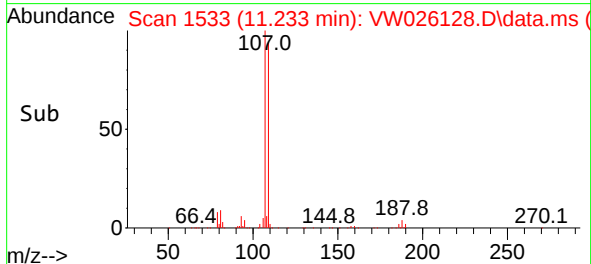
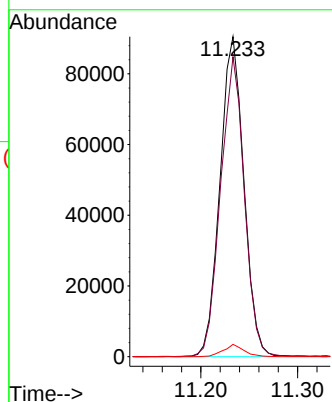
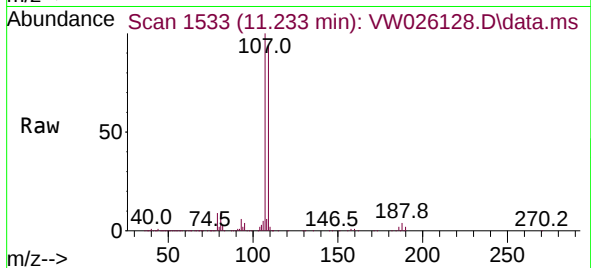
Tgt Ion:107 Resp: 155061

Ion Ratio Lower Upper

107 100

109 93.7 64.0 119.0

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 21.733 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

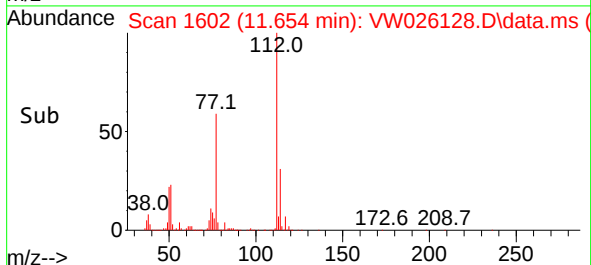
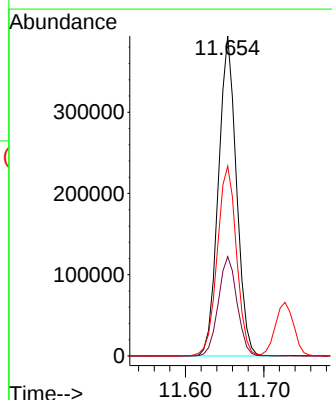
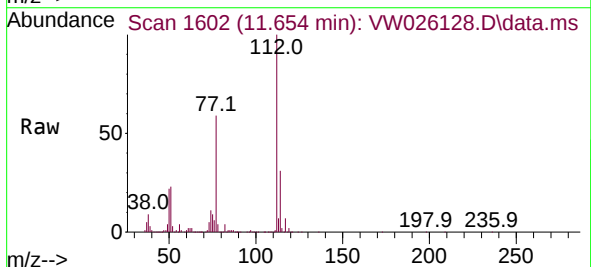
Tgt Ion:112 Resp: 630119

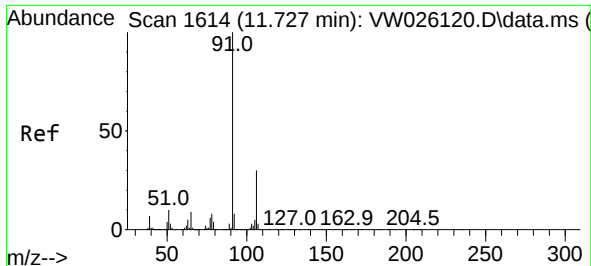
Ion Ratio Lower Upper

112 100

114 31.1 23.0 42.6

77 59.3 50.9 76.3

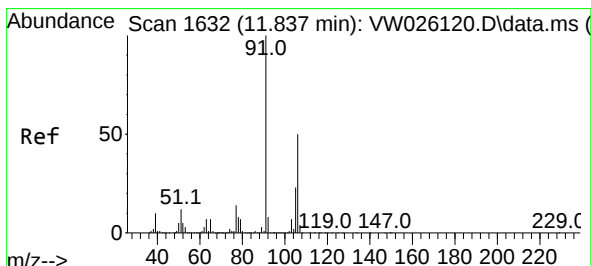
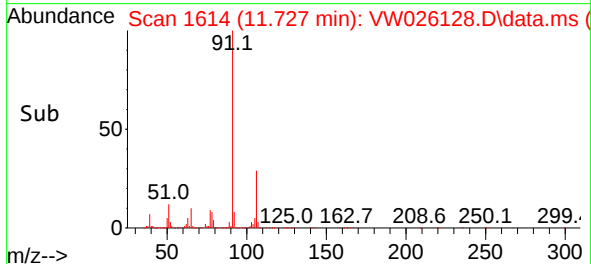
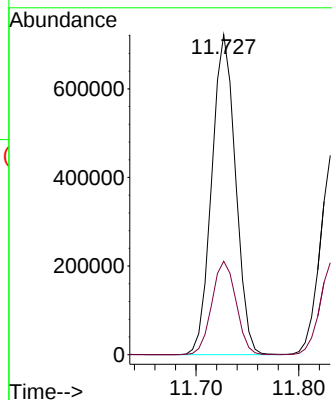
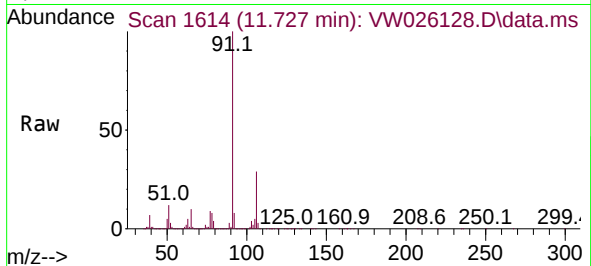




#52
Ethylbenzene
Concen: 22.224 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

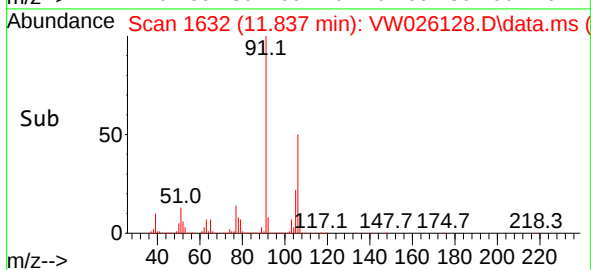
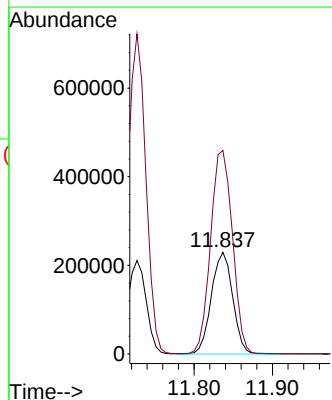
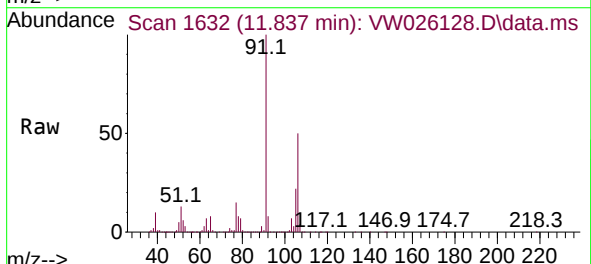
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

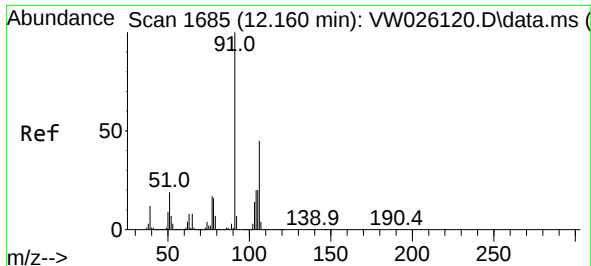
Tgt Ion: 91 Resp: 1159918
Ion Ratio Lower Upper
91 100
106 29.2 21.2 39.4



#53
m,p-Xylene
Concen: 22.288 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 106 Resp: 432762
Ion Ratio Lower Upper
106 100
91 200.2 149.5 277.7

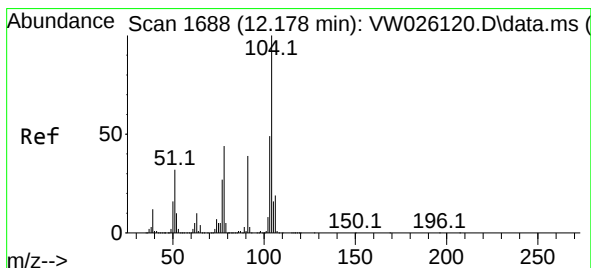
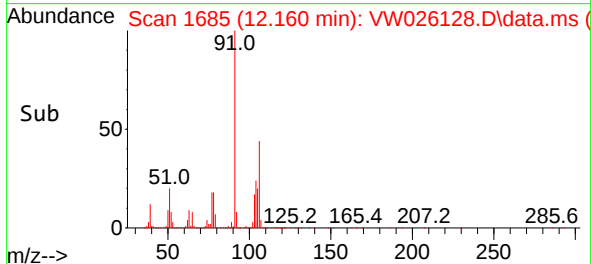
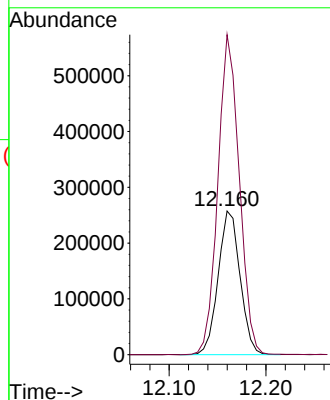
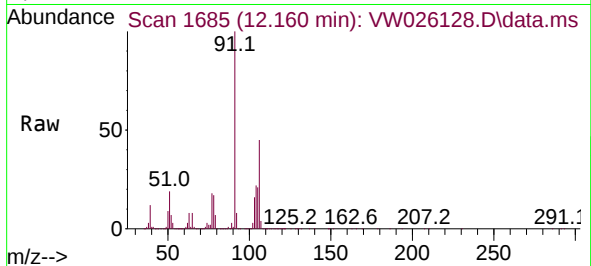




#54
o-Xylene
Concen: 22.099 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

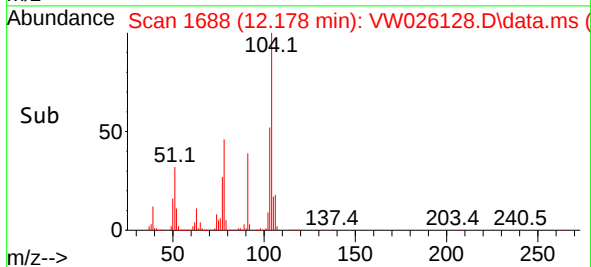
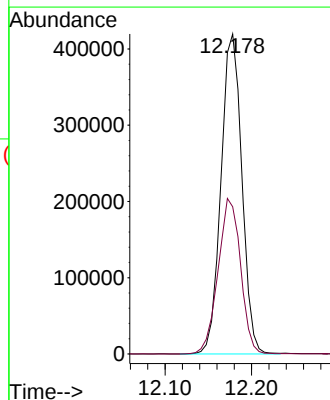
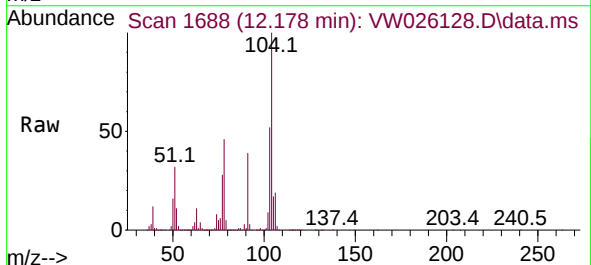
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

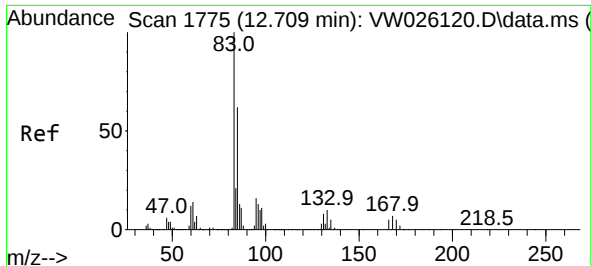
Tgt Ion:106 Resp: 404996
Ion Ratio Lower Upper
106 100
91 222.6 150.9 280.3



#55
Styrene
Concen: 22.332 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion:104 Resp: 702108
Ion Ratio Lower Upper
104 100
78 46.0 32.6 60.6

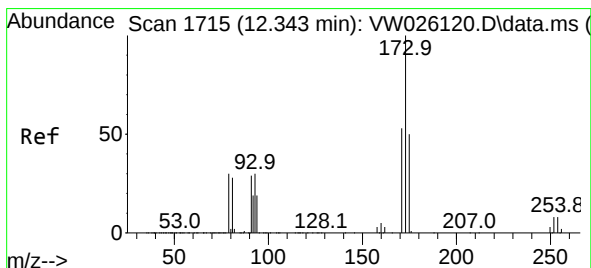
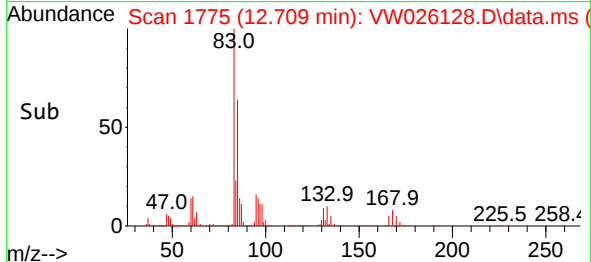
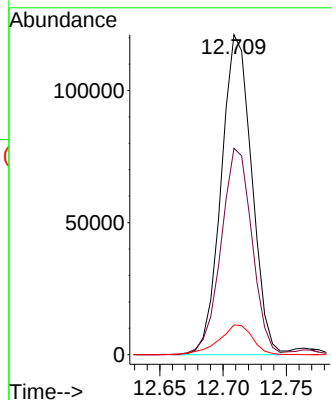
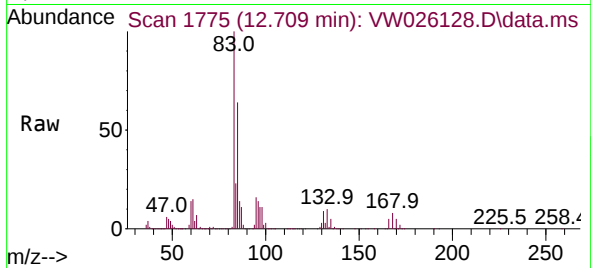




#57
1,1,2,2-Tetrachloroethane
Concen: 20.758 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

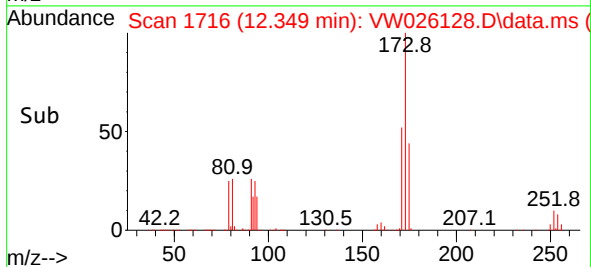
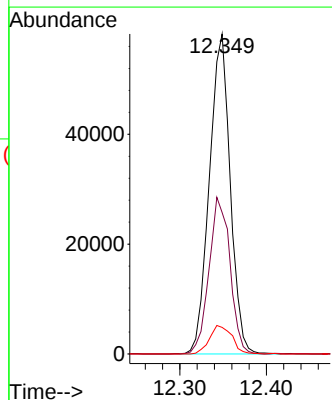
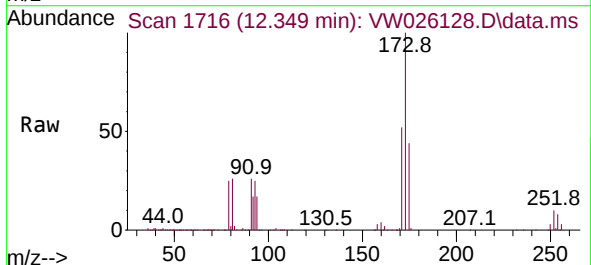
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

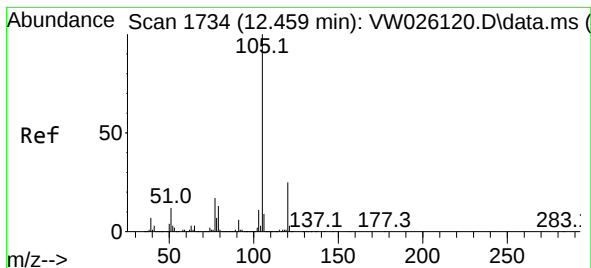
Tgt Ion: 83 Resp: 202852
Ion Ratio Lower Upper
83 100
85 64.5 42.6 79.0
131 9.3 7.2 10.8



#59
Bromoform
Concen: 20.313 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 173 Resp: 97461
Ion Ratio Lower Upper
173 100
175 49.3 38.6 57.8
254 9.5 7.4 11.0

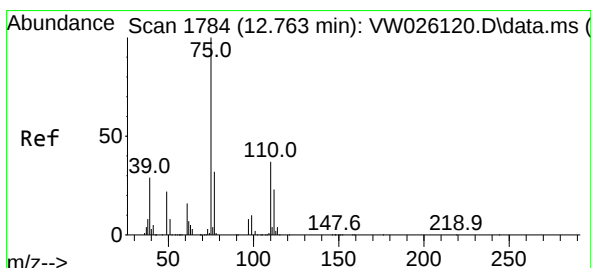
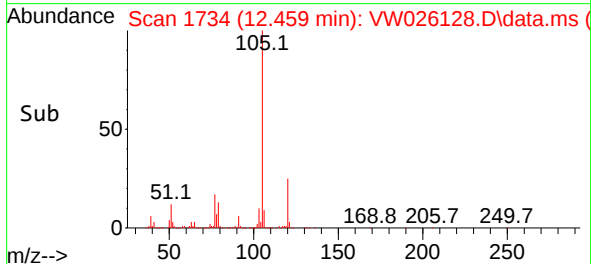
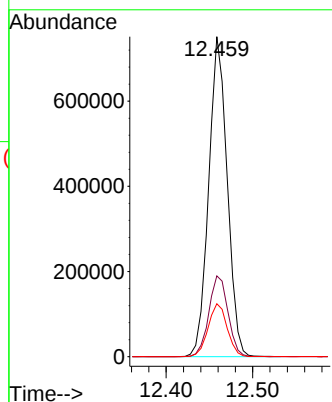
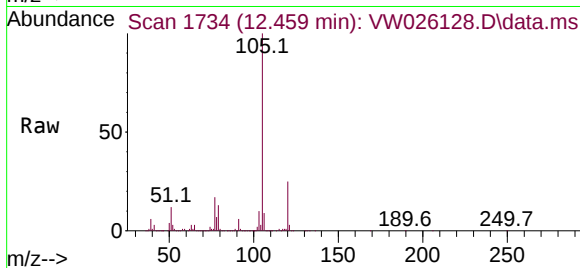




#60
Isopropylbenzene
Concen: 22.235 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

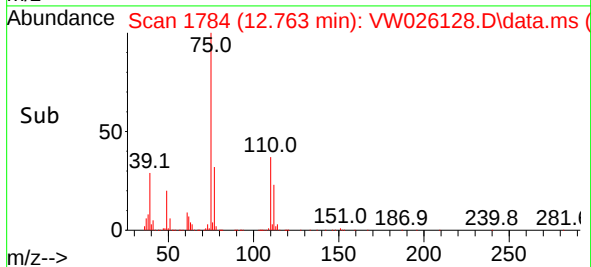
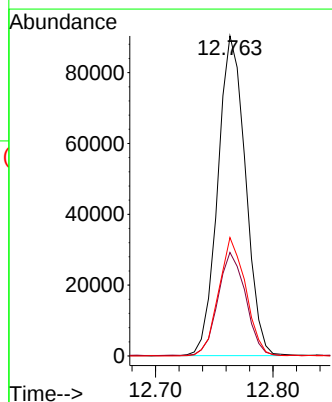
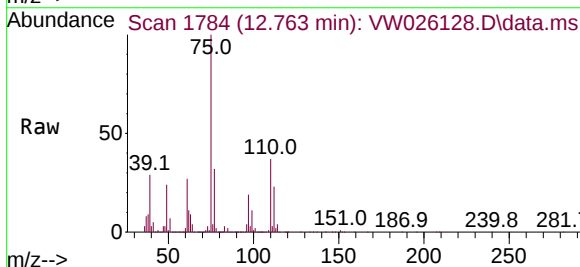
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

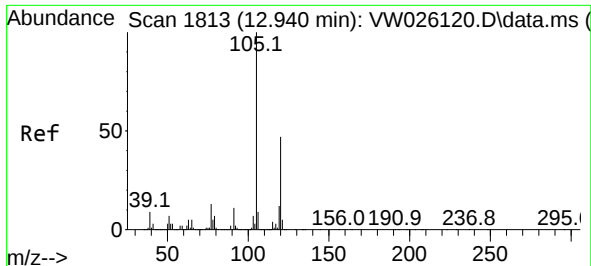
Tgt Ion:105 Resp: 1115812
Ion Ratio Lower Upper
105 100
120 26.1 19.8 29.8
77 17.0 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 20.625 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 75 Resp: 147585
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 36.2 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 22.131 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

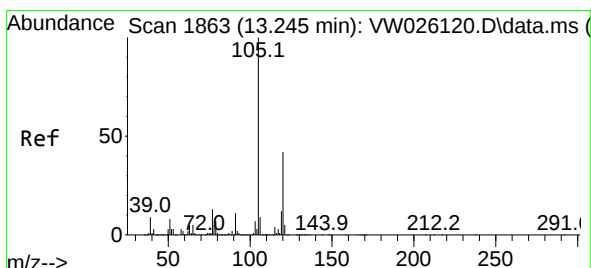
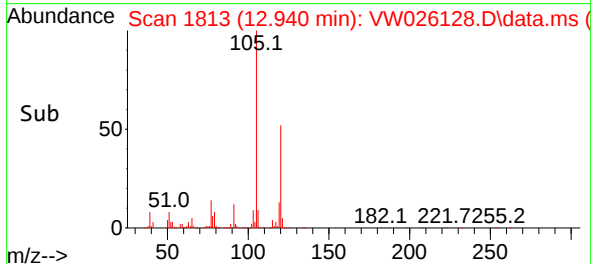
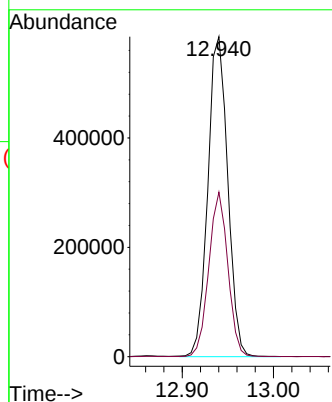
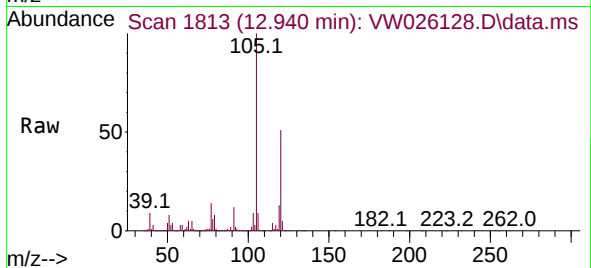
VSTD025510

Tgt Ion:105 Resp: 882870

Ion Ratio Lower Upper

105 100

120 49.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 21.879 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026128.D

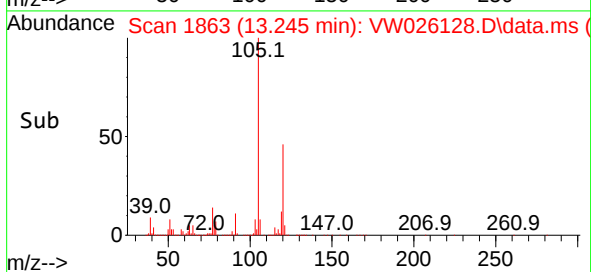
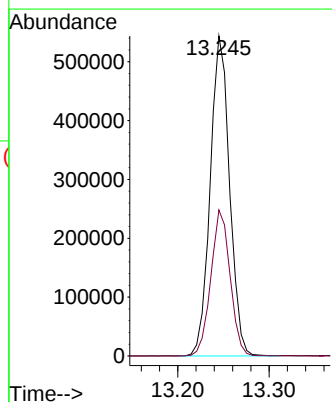
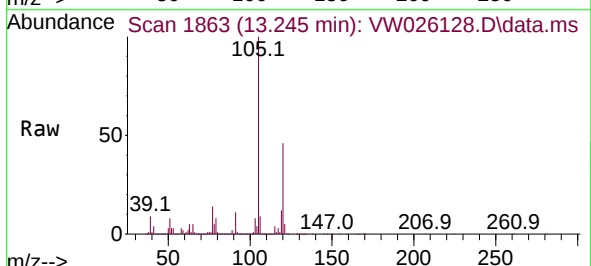
Acq: 08 Jun 2023 09:21

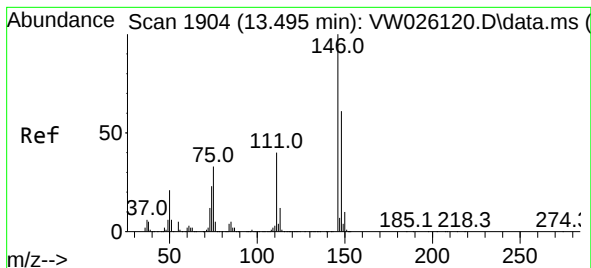
Tgt Ion:105 Resp: 799404

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 21.801 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

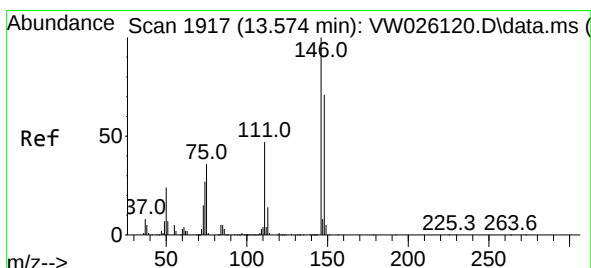
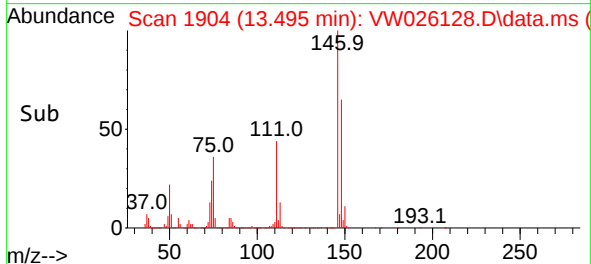
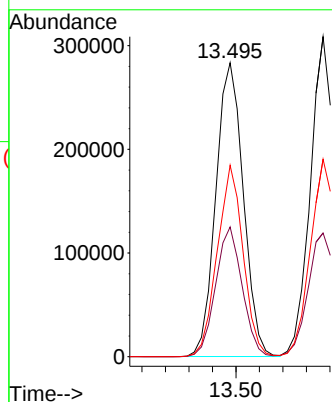
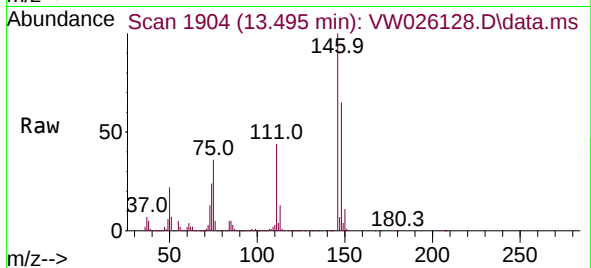
Tgt Ion:146 Resp: 460008

Ion Ratio Lower Upper

146 100

111 44.1 29.7 55.1

148 65.1 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 21.819 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

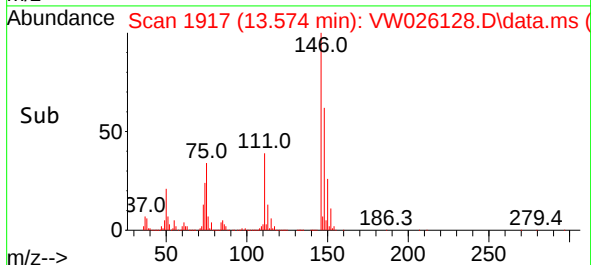
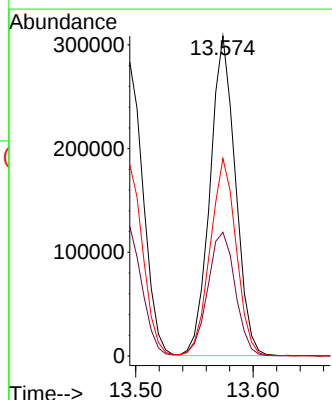
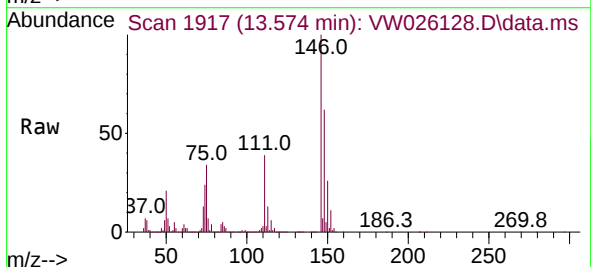
Tgt Ion:146 Resp: 463503

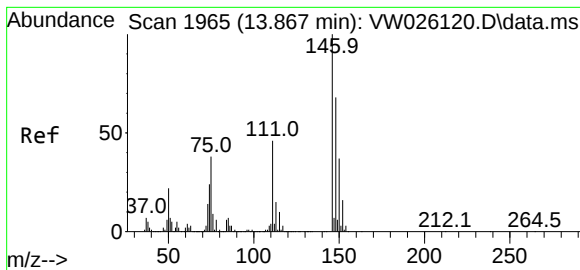
Ion Ratio Lower Upper

146 100

111 38.7 29.2 54.2

148 61.7 42.8 79.6

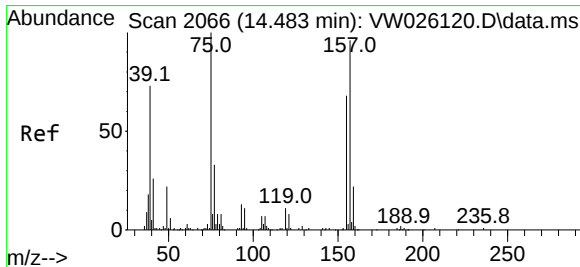
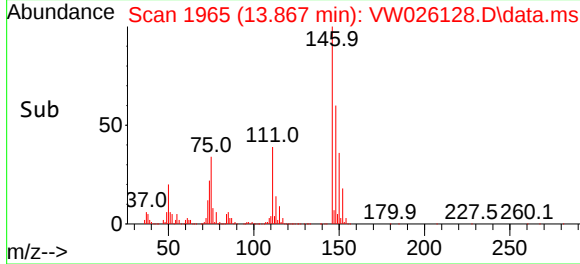
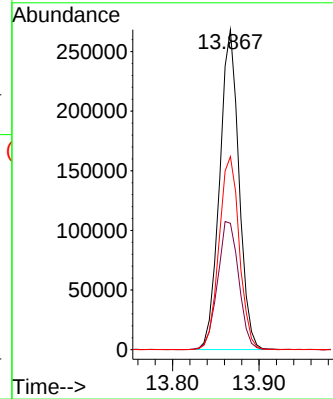
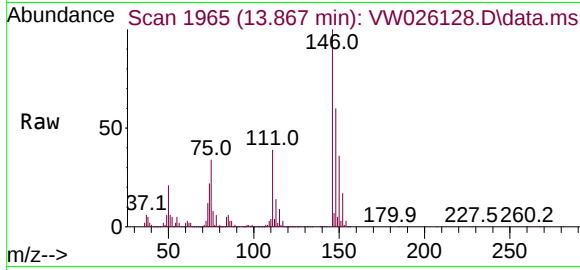




#67
1,2-Dichlorobenzene
Concen: 21.945 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

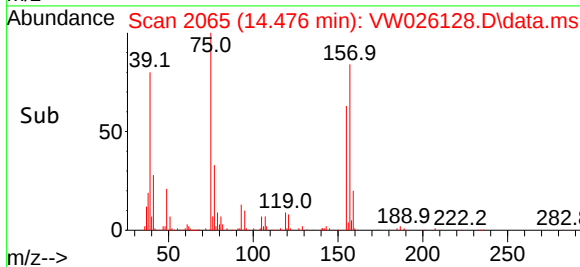
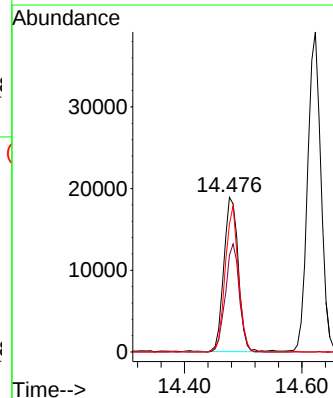
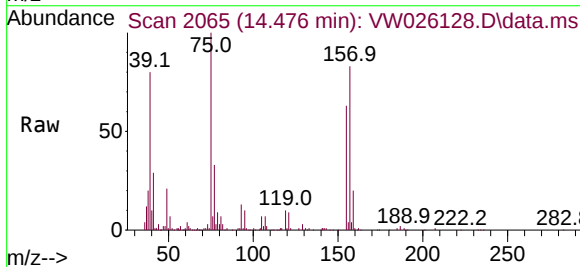
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

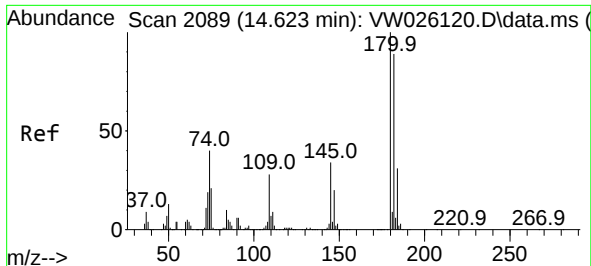
Tgt Ion:146 Resp: 415805
Ion Ratio Lower Upper
146 100
111 39.5 35.4 53.0
148 60.3 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 19.556 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion: 75 Resp: 32420
Ion Ratio Lower Upper
75 100
155 62.6 59.0 88.6
157 82.6 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 20.101 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

Tgt Ion:180 Resp: 291344

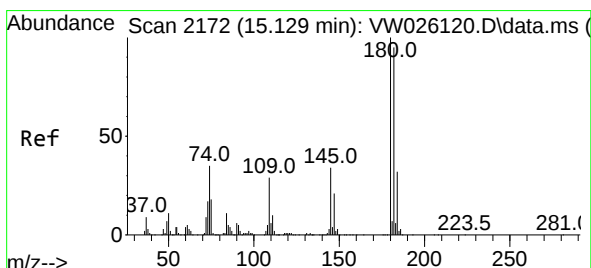
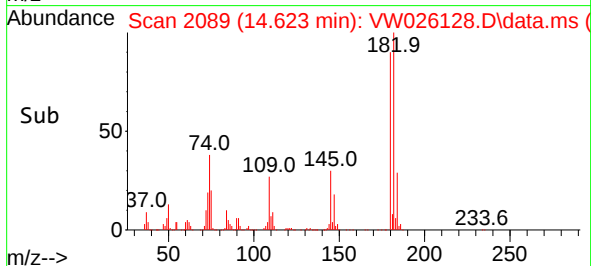
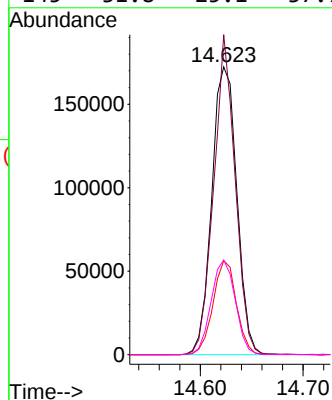
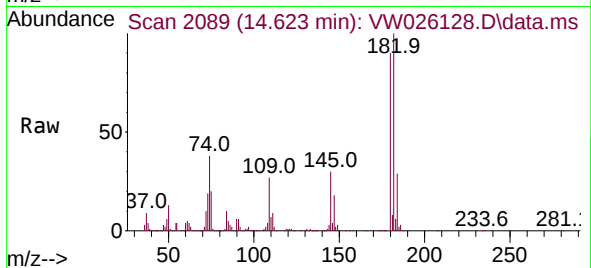
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.4

184 30.6 23.7 35.5

145 31.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 19.853 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026128.D

Acq: 08 Jun 2023 09:21

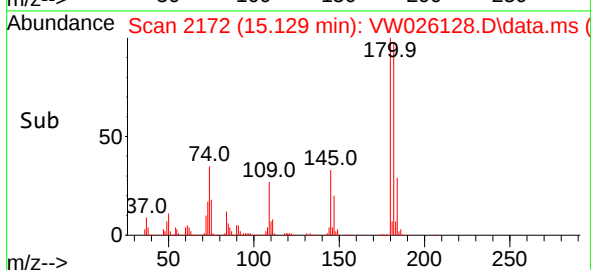
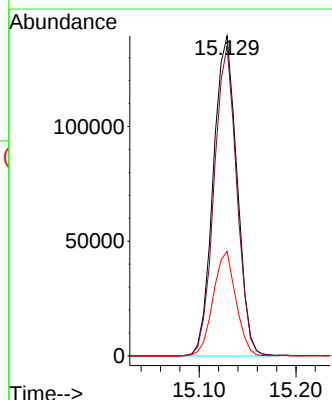
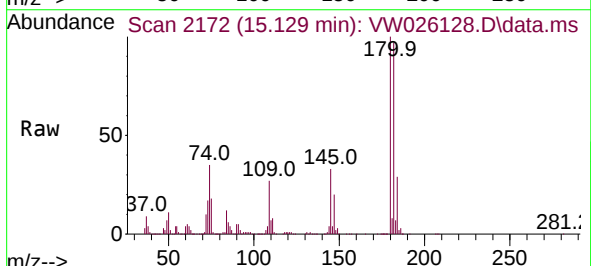
Tgt Ion:180 Resp: 237434

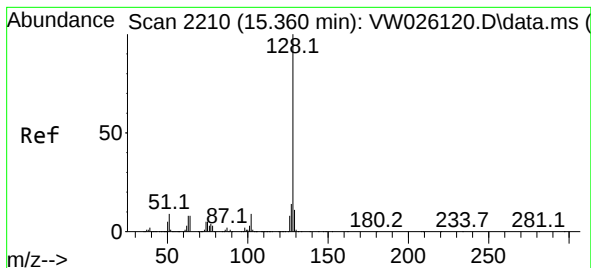
Ion Ratio Lower Upper

180 100

182 92.8 78.9 118.3

145 31.5 27.2 40.8

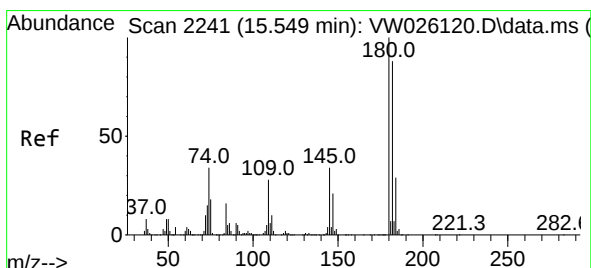
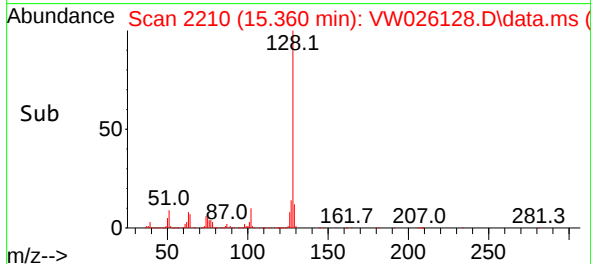
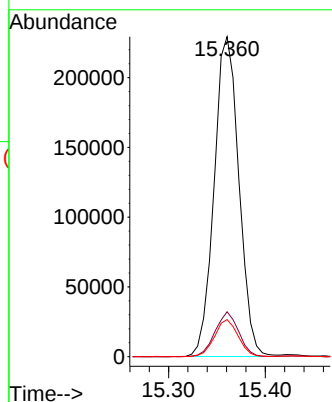
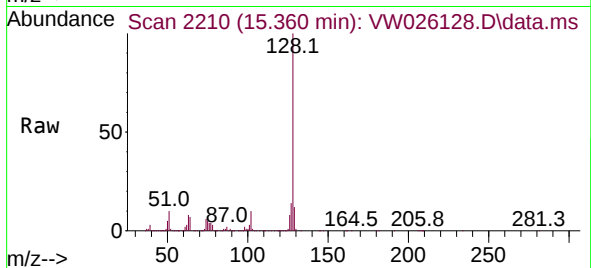




#71
Naphthalene
Concen: 19.142 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Tgt Ion:128 Resp: 408029
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 19.644 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026128.D
Acq: 08 Jun 2023 09:21

Tgt Ion:180 Resp: 205331
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 33.9 27.0 40.6

