

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026674.D
 Acq On : 10 Aug 2023 11:56
 Operator : SY/MD
 Sample : VSTD10024
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100424

Quant Time: Aug 11 01:28:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	539865	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	521932	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	284525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	836836	94.293	ug/L	0.00
7) Chloroethane-d5	2.893	69	608307	93.307	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	404402	92.649	ug/L	0.00
21) 2-Butanone-d5	7.075	46	509712	200.980	ug/L	0.00
24) Chloroform-d	7.648	84	1702439	93.957	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	927088	92.716	ug/L	0.00
32) Benzene-d6	8.276	84	3398603	94.481	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	1072257	95.697	ug/L	0.00
41) Toluene-d8	10.325	98	3110900	100.749	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	477419	103.198	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	276636	234.964	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	875203	98.908	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	960606	94.326	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	726838	97.769	ug/L	92
3) Chloromethane	2.228	50	1003024	99.934	ug/L	99
5) Vinyl chloride	2.381	62	933238	97.264	ug/L	100
6) Bromomethane	2.783	94	518931	92.693	ug/L	94
8) Chloroethane	2.930	64	532467	92.617	ug/L	98
9) Trichlorofluoromethane	3.265	101	810795	102.968	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	783100	92.990	ug/L	97
12) 1,1-Dichloroethene	4.051	96	763186	95.642	ug/L	98
13) Acetone	4.124	43	375212	149.346	ug/L	99
14) Carbon disulfide	4.393	76	2692390	93.787	ug/L	99
15) Methyl Acetate	4.667	43	503823	99.170	ug/L	99
16) Methylene chloride	4.923	84	832321	79.700	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	856520	96.190	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1365276	101.333	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1714927	93.576	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	934406	97.629	ug/L	98
22) 2-Butanone	7.167	43	677626	181.297	ug/L	98
23) Bromochloromethane	7.514	128	384862	93.088	ug/L	94
25) Chloroform	7.679	83	1594510	90.059	ug/L	99
27) 1,2-Dichloroethane	8.398	62	1138077	92.141	ug/L	99
29) Cyclohexane	7.959	56	1668466	103.370	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	1250088	91.773	ug/L	99
31) Carbon tetrachloride	8.069	117	1168767	93.842	ug/L	96
33) Benzene	8.325	78	3567784	93.868	ug/L	100
34) Trichloroethene	9.093	95	924744	95.528	ug/L	97
35) Methylcyclohexane	9.337	83	1676573	101.239	ug/L	98
37) 1,2-Dichloropropane	9.367	63	967421	92.924	ug/L	100
38) Bromodichloromethane	9.642	83	1155733	94.631	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	1563456	104.390	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	1433915	211.743	ug/L	98
42) Toluene	10.386	91	3720199	96.756	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	1335262	103.580	ug/L	99

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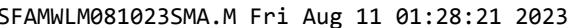
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100424

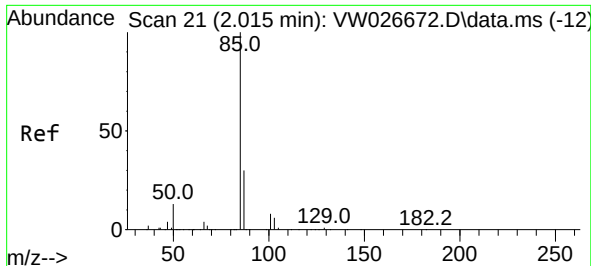
Quant Time: Aug 11 01:28:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	654858	91.973	ug/L	98
46) Tetrachloroethene	10.861	164	684084	97.271	ug/L	86
48) 2-Hexanone	10.965	43	994954	215.921	ug/L	98
49) Dibromochloromethane	11.129	129	727864	97.741	ug/L	94
50) 1,2-Dibromoethane	11.233	107	649315	97.192	ug/L	95
51) Chlorobenzene	11.654	112	2286811	94.158	ug/L	99
52) Ethylbenzene	11.727	91	4317777	100.141	ug/L	97
53) m,p-Xylene	11.836	106	1598750	100.089	ug/L	88
54) o-Xylene	12.166	106	1533109	102.839	ug/L	95
55) Styrene	12.178	104	2646239	102.089	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	846725	93.900	ug/L	99
59) Bromoform	12.342	173	425829	95.540	ug/L	94
60) Isopropylbenzene	12.464	105	4254392	100.572	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	645009	93.457	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	3437949	102.823	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	3410859	104.102	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	1713565	93.143	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	1696822	88.379	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	1539921	92.048	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	153628	93.068	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	1147269	92.305	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	1017518	96.557	ug/L	96
71) Naphthalene	15.360	128	2140783	106.499	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	896498	94.320	ug/L	98

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

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Quant Title : SFAM01.0
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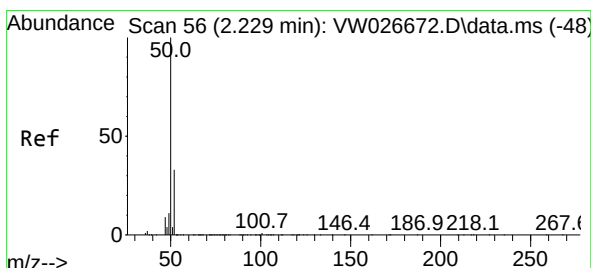
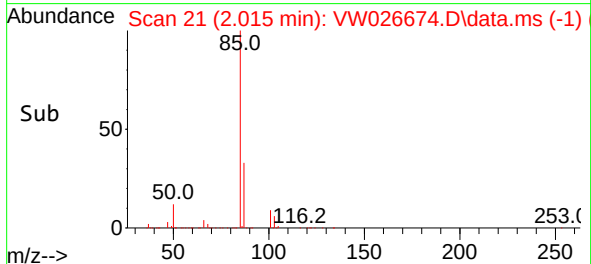
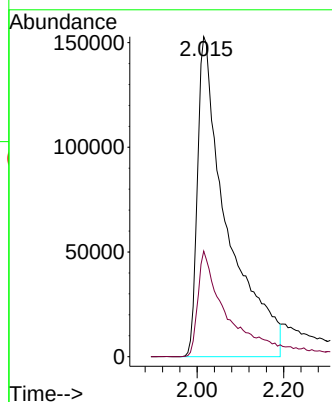
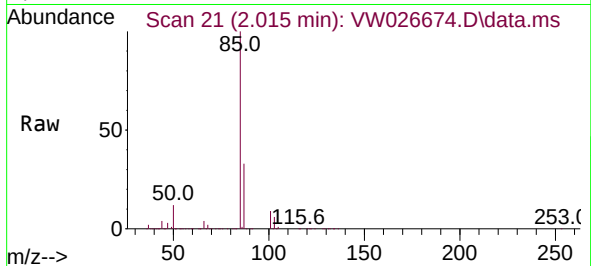




#2
 Dichlorodifluoromethane
 Concen: 97.769 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026674.D
 Acq: 10 Aug 2023 11:56

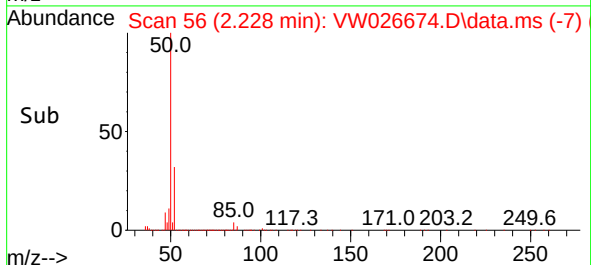
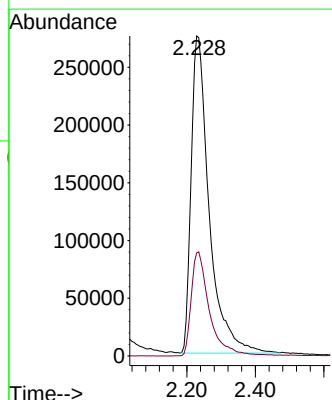
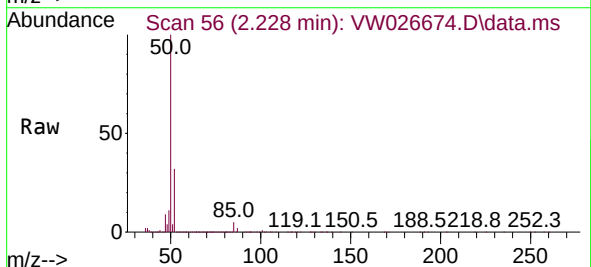
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100424

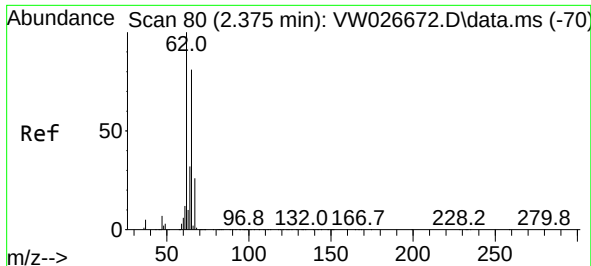
Tgt Ion: 85 Resp: 726838
 Ion Ratio Lower Upper
 85 100
 87 28.6 19.5 29.3



#3
 Chloromethane
 Concen: 99.934 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW026674.D
 Acq: 10 Aug 2023 11:56

Tgt Ion: 50 Resp: 1003024
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8

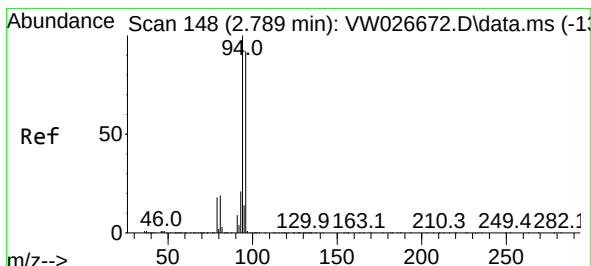
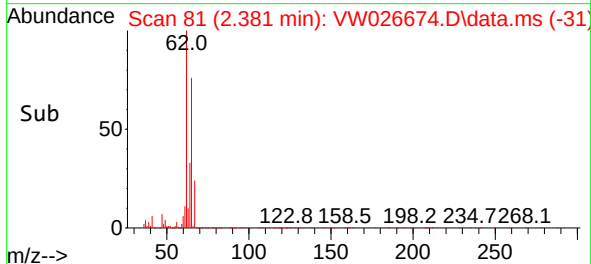
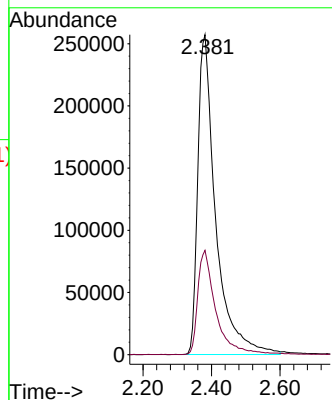
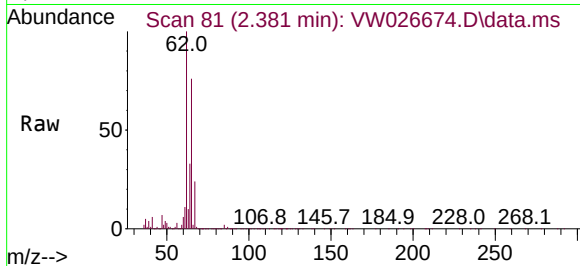




#5
 Vinyl chloride
 Concen: 97.264 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026674.D
 Acq: 10 Aug 2023 11:56

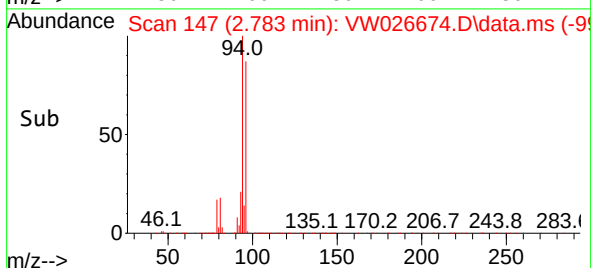
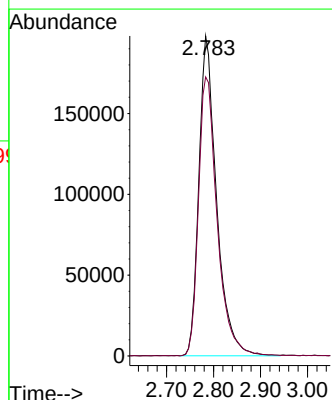
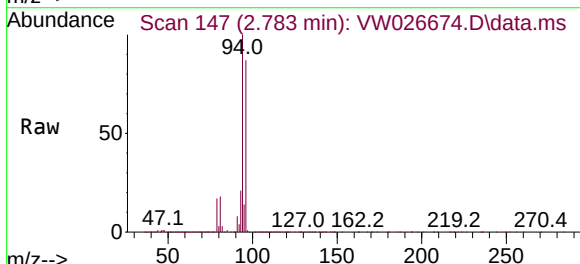
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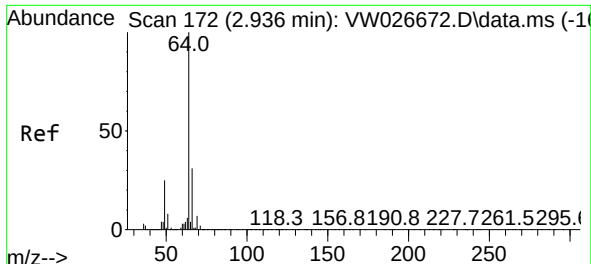
Tgt Ion: 62 Resp: 933238
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.3



#6
 Bromomethane
 Concen: 92.693 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026674.D
 Acq: 10 Aug 2023 11:56

Tgt Ion: 94 Resp: 518931
 Ion Ratio Lower Upper
 94 100
 96 87.2 64.8 120.3

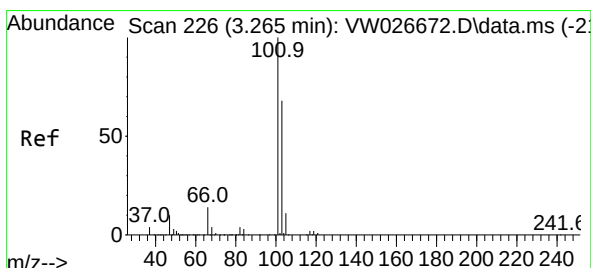
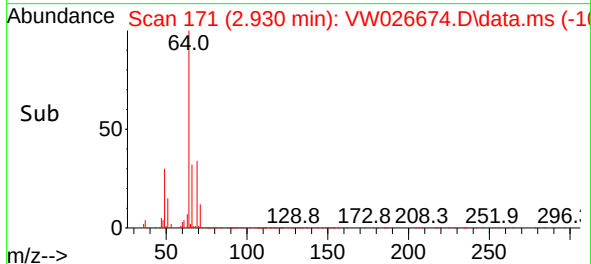
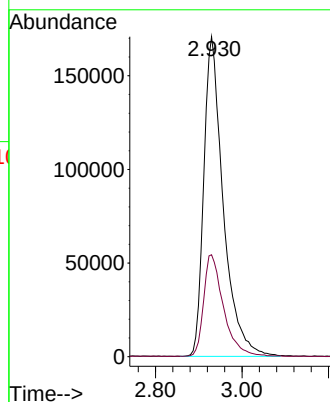
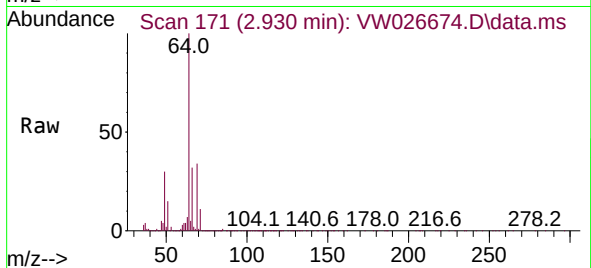




#8
Chloroethane
Concen: 92.617 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

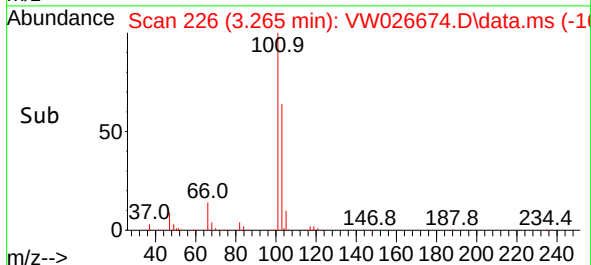
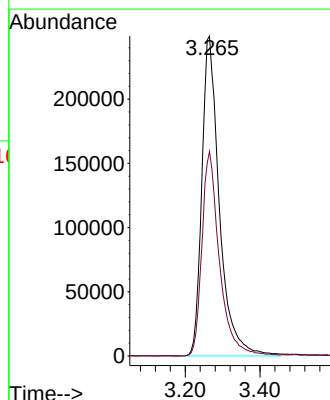
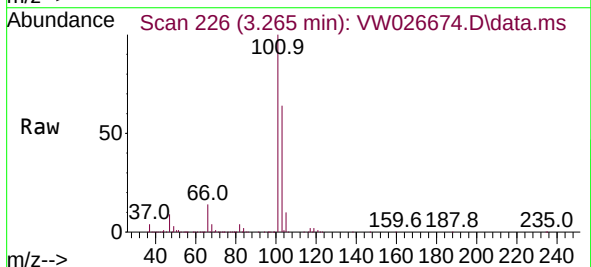
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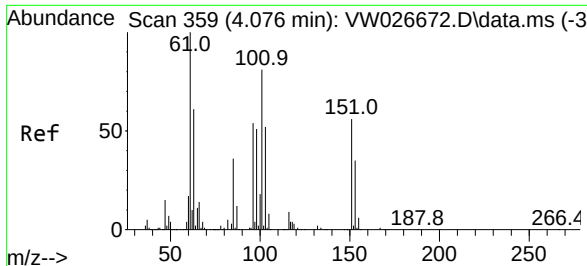
Tgt Ion: 64 Resp: 532467
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 102.968 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 101 Resp: 810795
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9





#10

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

Concen: 92.990 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD100424

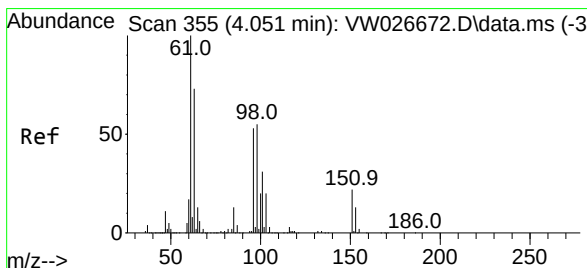
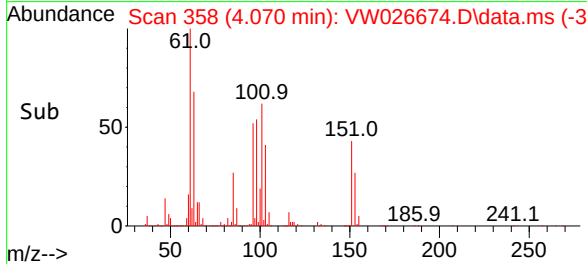
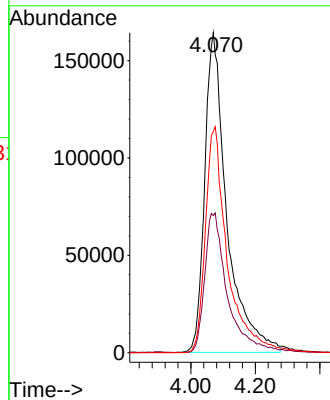
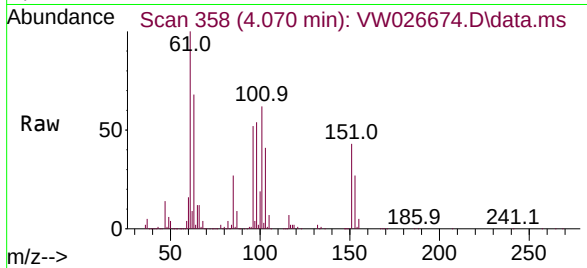
Tgt Ion:101 Resp: 783100

Ion Ratio Lower Upper

101 100

85 42.9 32.8 49.2

151 70.4 54.4 81.6



#12

1,1-Dichloroethene

Concen: 95.642 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

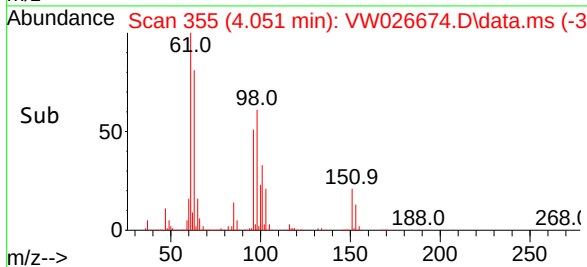
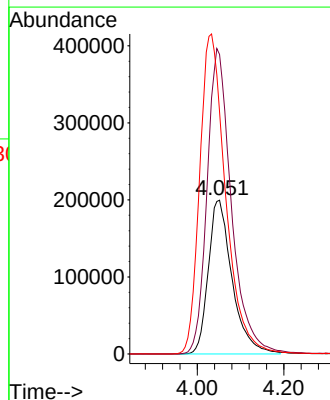
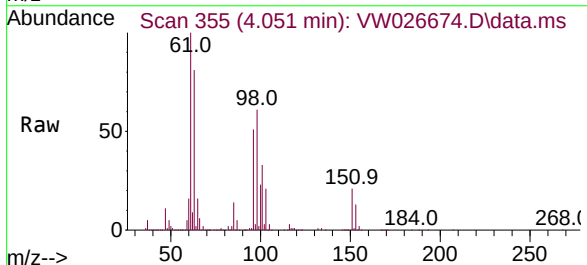
Tgt Ion: 96 Resp: 763186

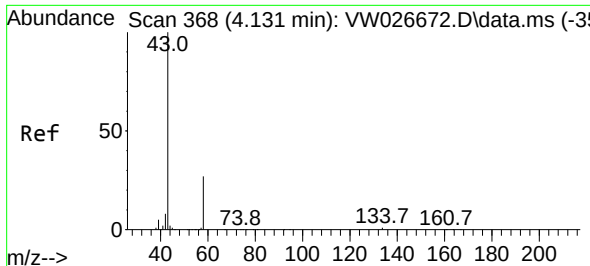
Ion Ratio Lower Upper

96 100

61 194.9 133.2 247.4

63 157.5 109.0 202.4

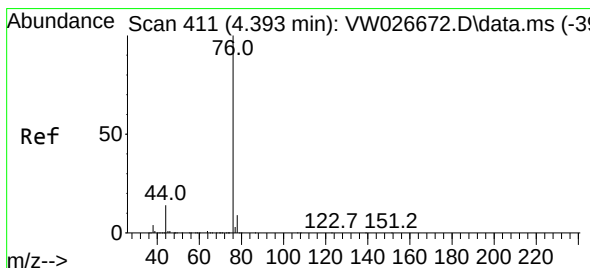
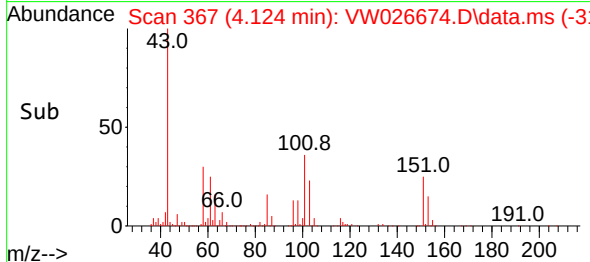
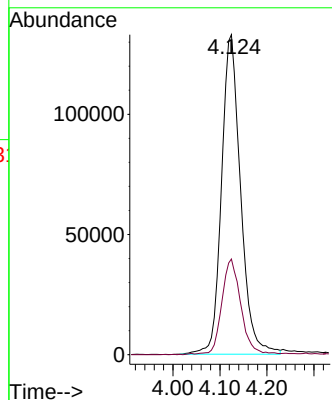
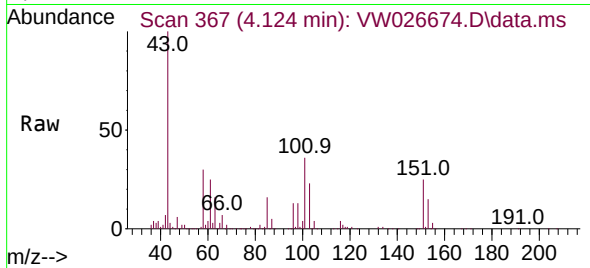




#13
Acetone
Concen: 149.346 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

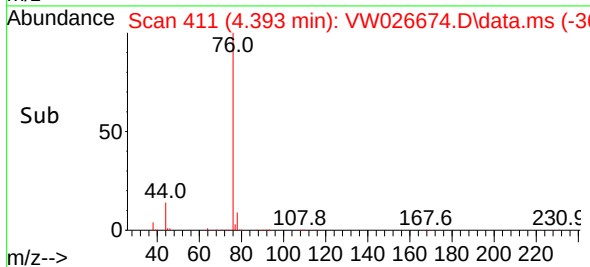
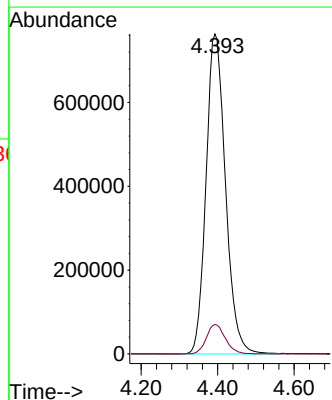
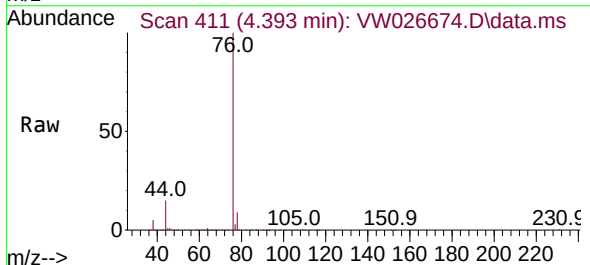
Instrument :
MSVOA_W
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VSTD100424

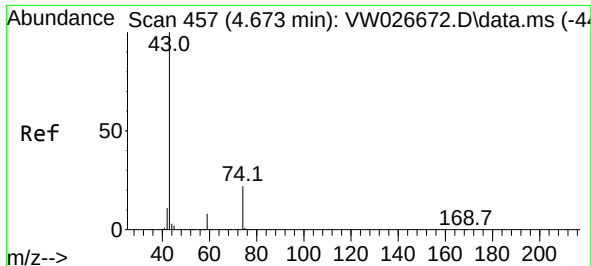
Tgt Ion: 43 Resp: 375212
Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.4



#14
Carbon disulfide
Concen: 93.787 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 76 Resp: 2692390
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

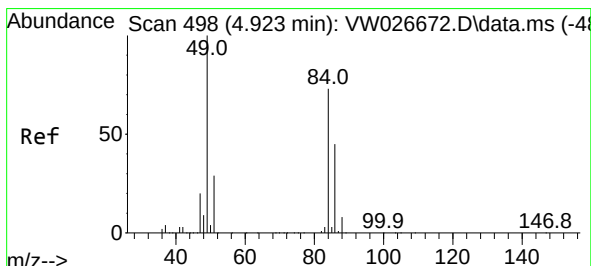
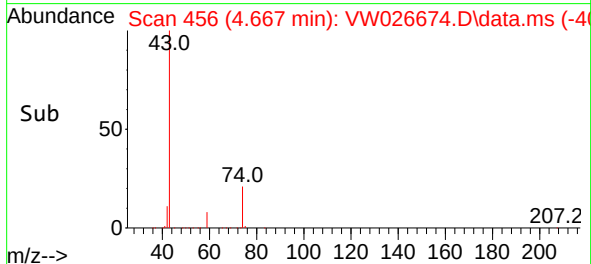
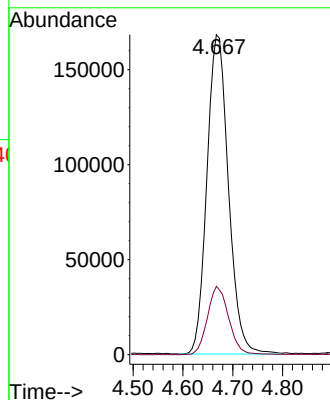
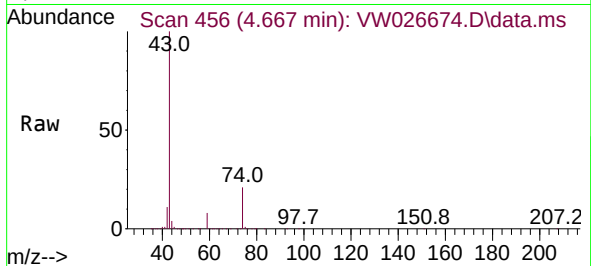




#15
Methyl Acetate
Concen: 99.170 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

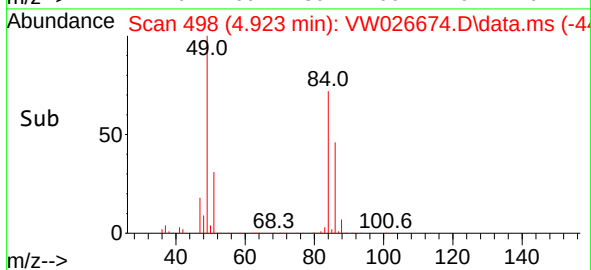
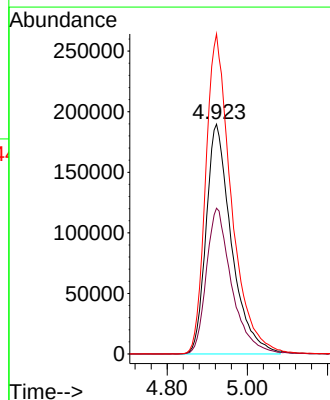
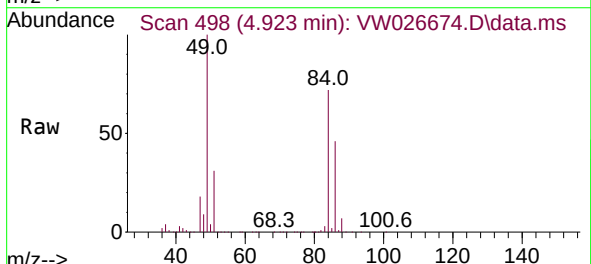
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

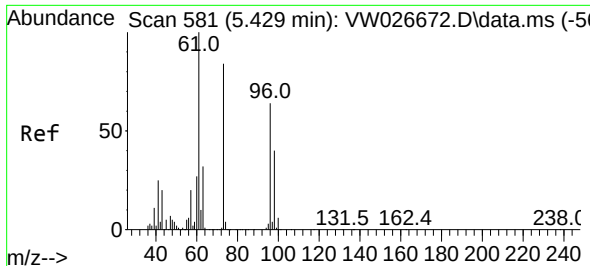
Tgt Ion: 43 Resp: 503823
Ion Ratio Lower Upper
43 100
74 21.1 16.4 24.6



#16
Methylene chloride
Concen: 79.700 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 84 Resp: 832321
Ion Ratio Lower Upper
84 100
86 63.4 43.5 80.9
49 139.2 96.0 178.2

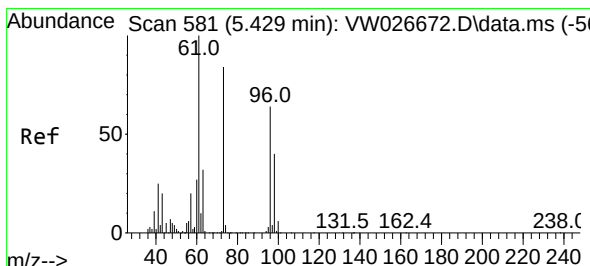
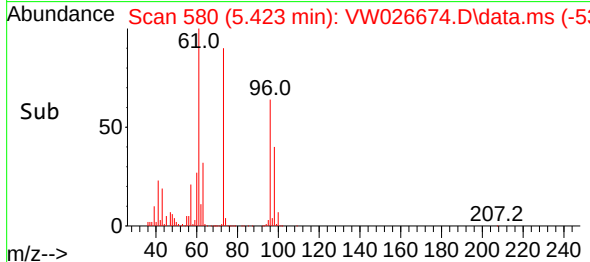
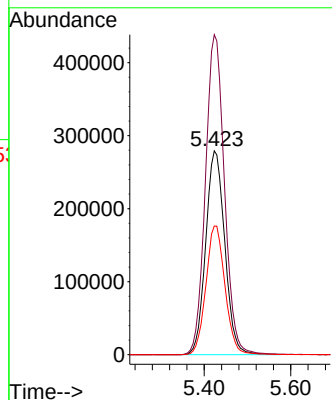
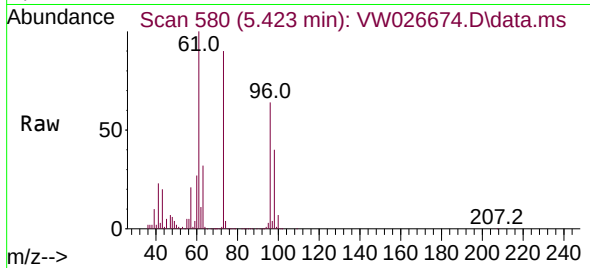




#17
trans-1,2-Dichloroethene
Concen: 96.190 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

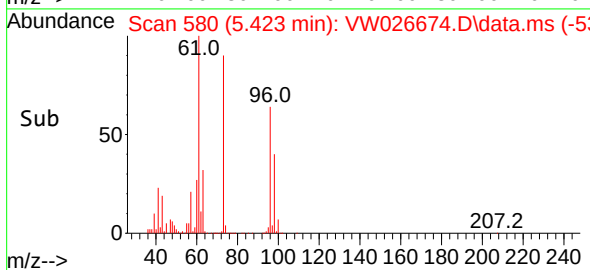
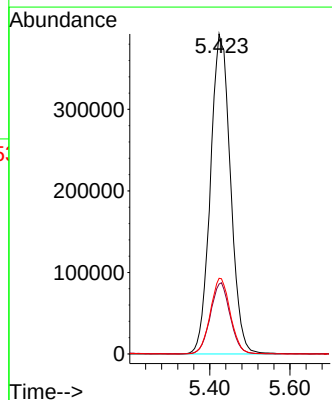
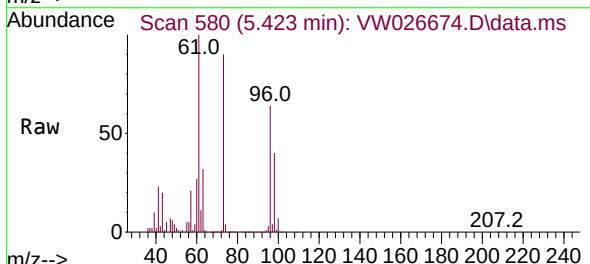
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

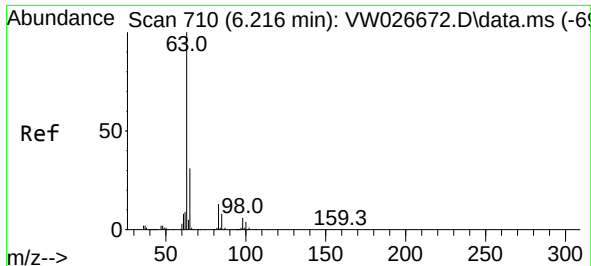
Tgt Ion: 96 Resp: 856520
Ion Ratio Lower Upper
96 100
61 157.0 109.4 203.2
98 63.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 101.333 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 73 Resp: 1365276
Ion Ratio Lower Upper
73 100
43 21.7 18.0 27.0
57 23.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 93.576 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

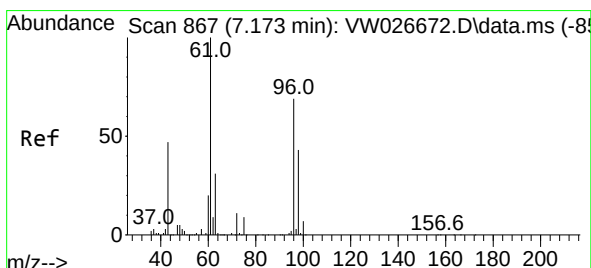
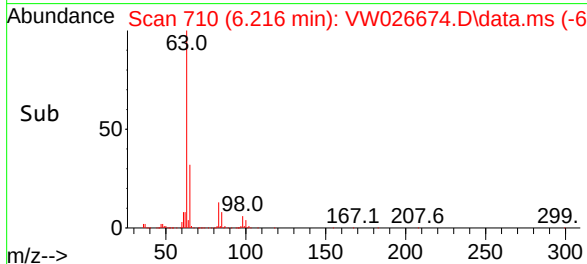
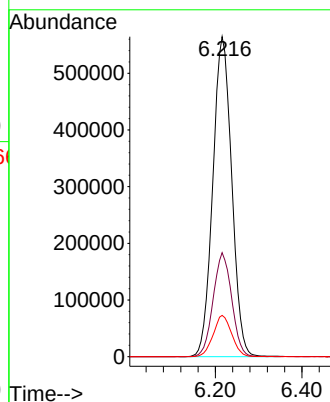
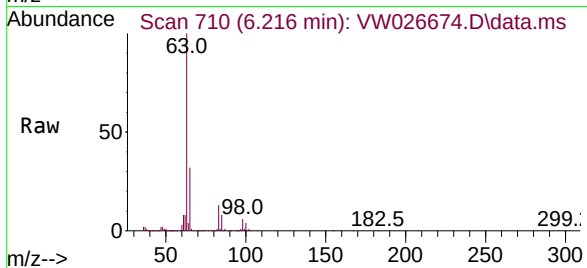
MSVOA_W

ClientSampleId :

VSTD100424

Tgt Ion: 63 Resp: 1714927

Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.8	40.6
83	12.9	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 97.629 ug/L

RT: 7.173 min Scan# 867

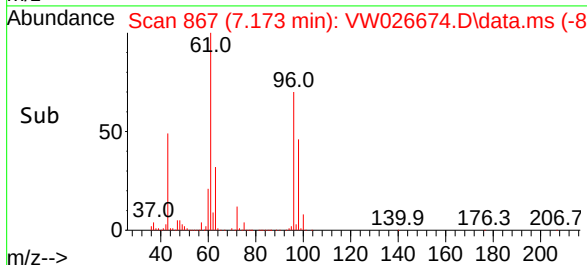
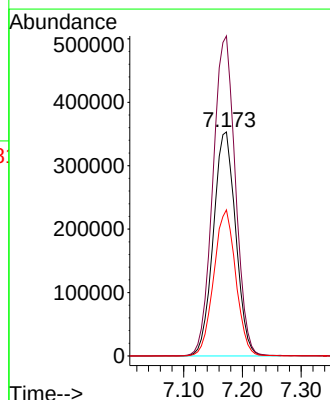
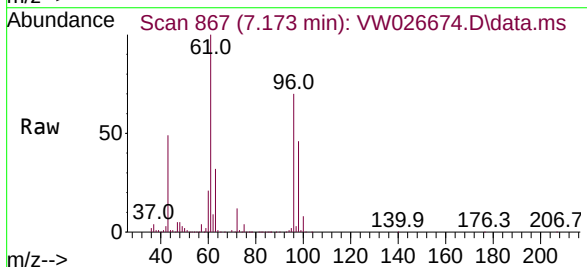
Delta R.T. -0.000 min

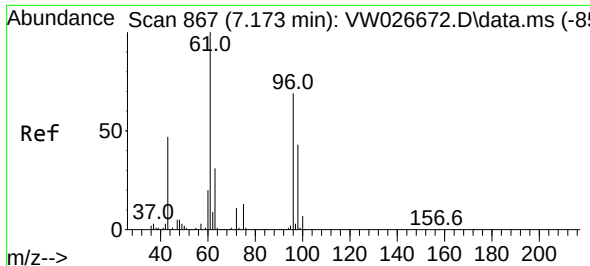
Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Tgt Ion: 96 Resp: 934406

Ion	Ratio	Lower	Upper
96	100		
61	142.9	101.2	188.0
98	65.2	43.8	81.3

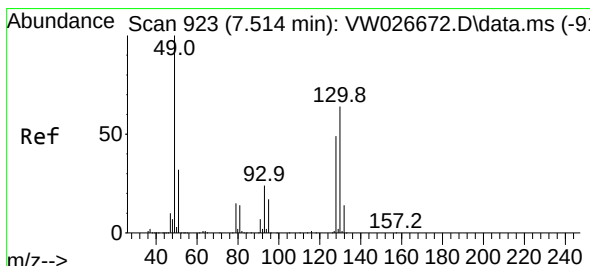
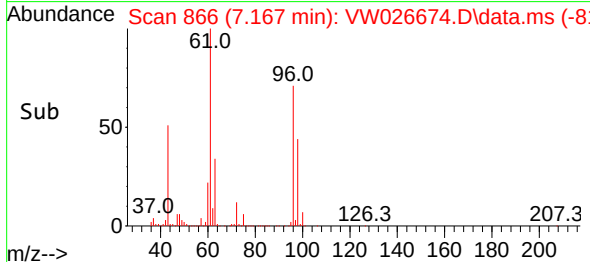
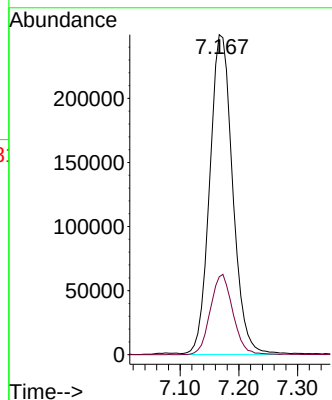
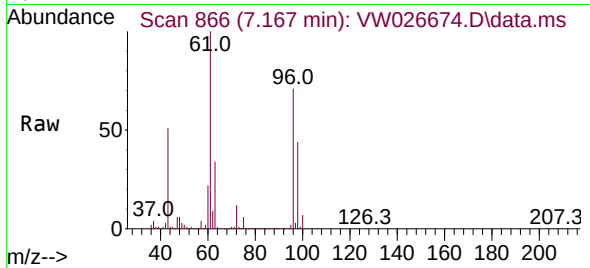




#22
2-Butanone
Concen: 181.297 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

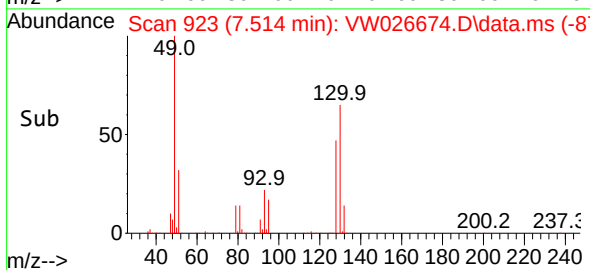
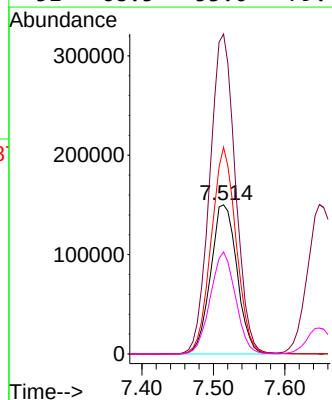
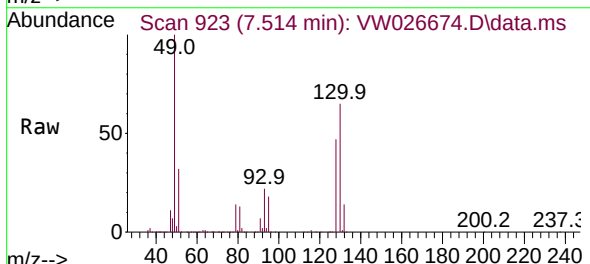
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

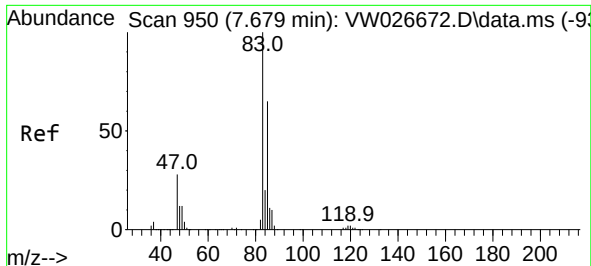
Tgt Ion: 43 Resp: 677626
Ion Ratio Lower Upper
43 100
72 24.6 11.8 35.4



#23
Bromochloromethane
Concen: 93.088 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 128 Resp: 384862
Ion Ratio Lower Upper
128 100
49 214.5 143.1 265.7
130 138.6 91.8 170.4
51 68.5 53.0 79.4

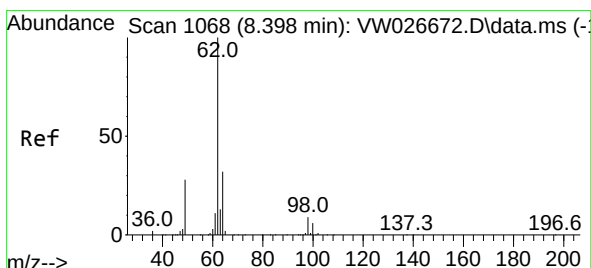
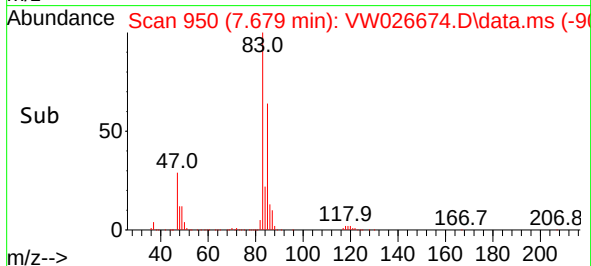
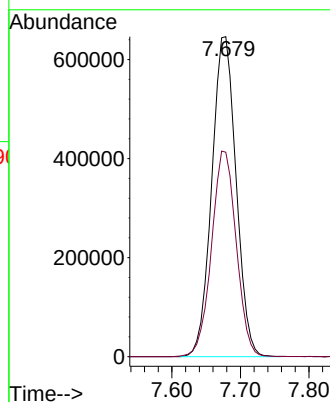
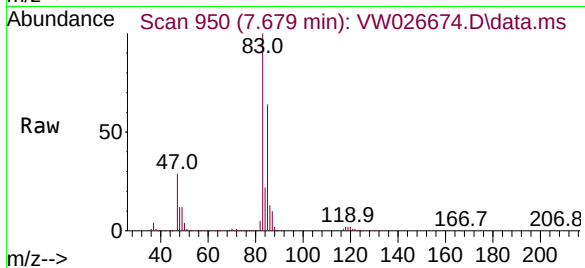




#25
Chloroform
Concen: 90.059 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

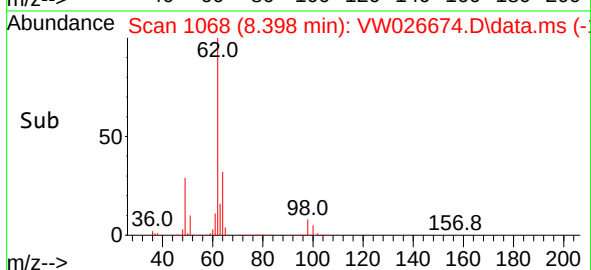
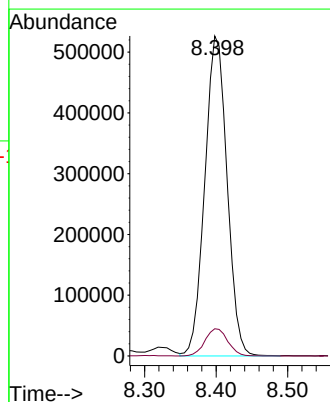
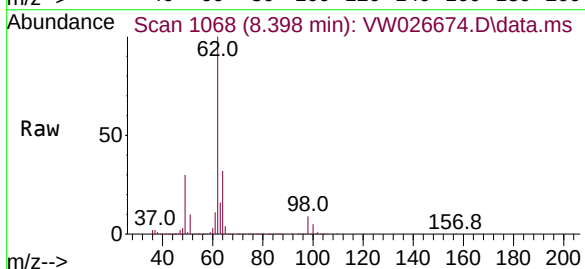
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

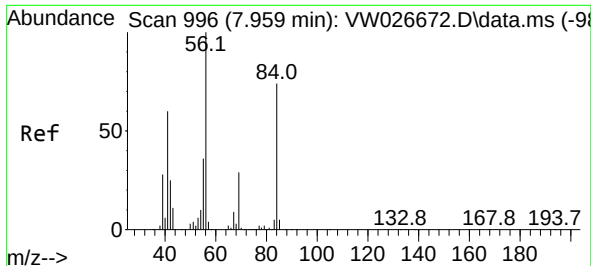
Tgt Ion: 83 Resp: 1594510
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 92.141 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

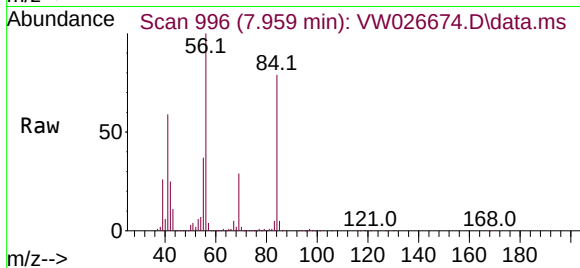
Tgt Ion: 62 Resp: 1138077
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7





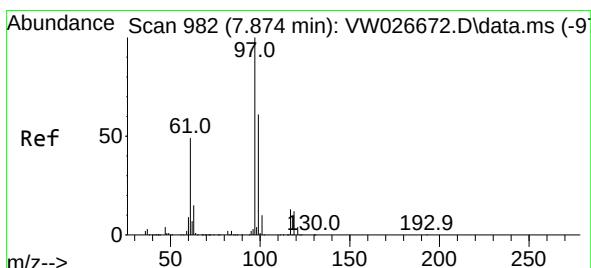
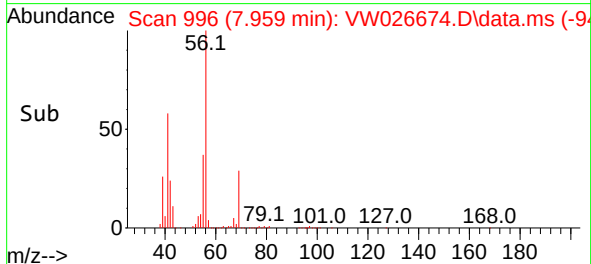
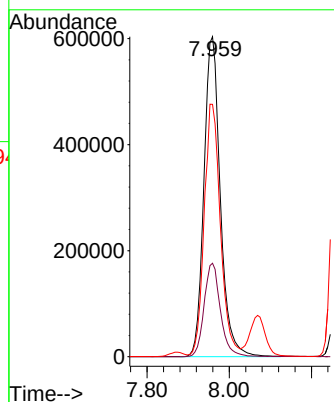
#29
Cyclohexane
Concen: 103.370 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD100424



Tgt Ion: 56 Resp: 1668466

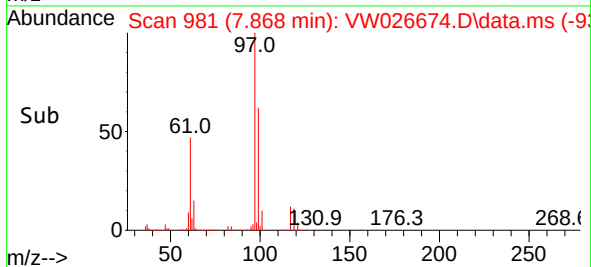
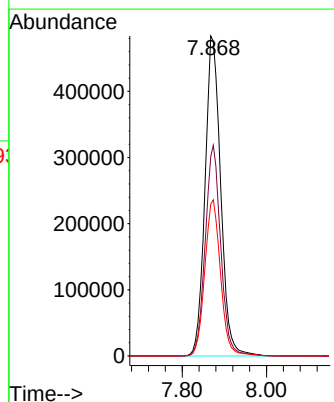
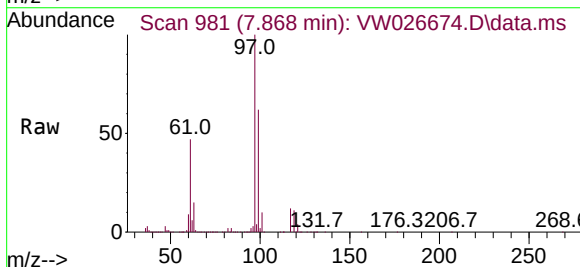
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.2	34.8
84	78.2	62.7	94.1

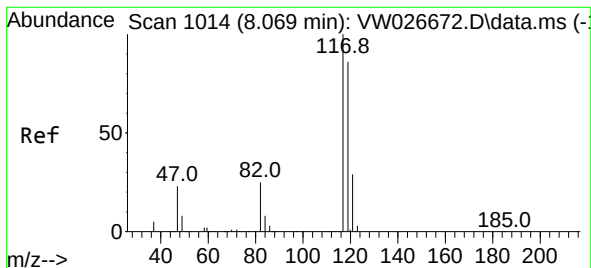


#30
1,1,1-Trichloroethane
Concen: 91.773 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 97 Resp: 1250088

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.2	76.8
61	49.2	39.2	58.8





#31

Carbon tetrachloride

Concen: 93.842 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

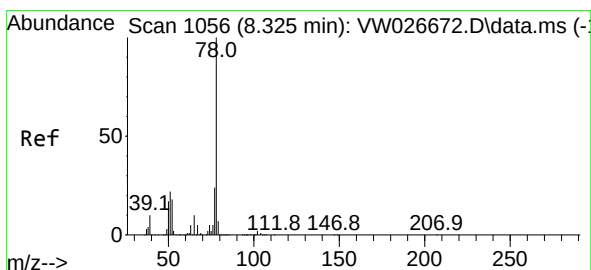
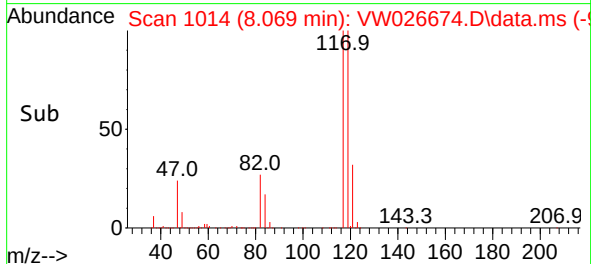
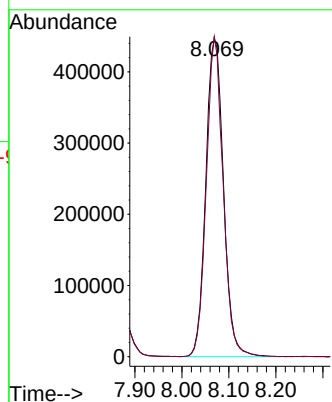
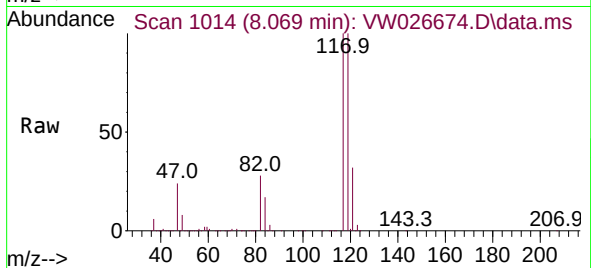
VSTD100424

Tgt Ion:117 Resp: 1168767

Ion Ratio Lower Upper

117 100

119 95.3 73.0 109.4



#33

Benzene

Concen: 93.868 ug/L

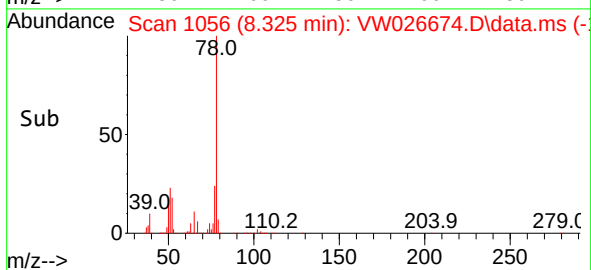
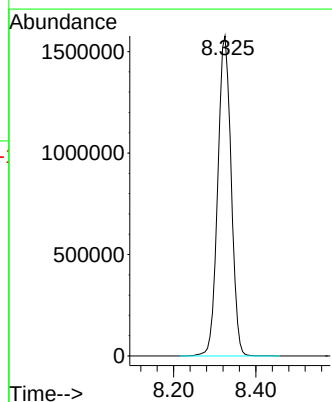
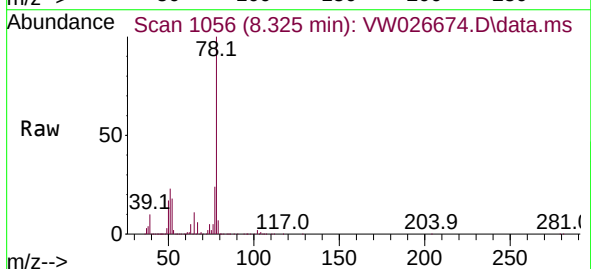
RT: 8.325 min Scan# 1056

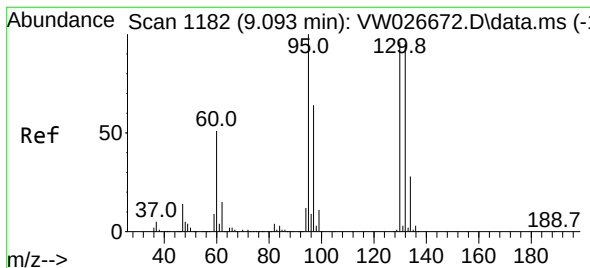
Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Tgt Ion: 78 Resp: 3567784





#34

Trichloroethene

Concen: 95.528 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD100424

Tgt Ion: 95 Resp: 924744

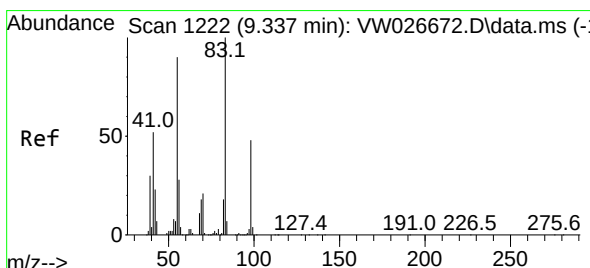
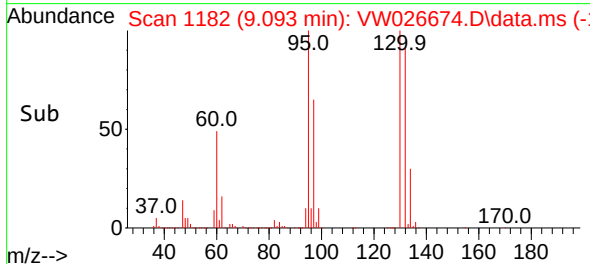
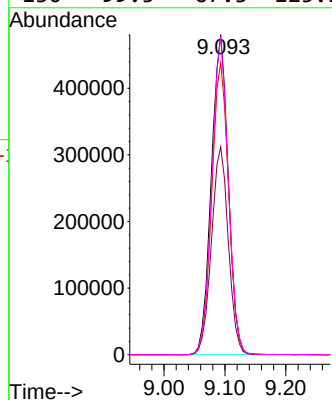
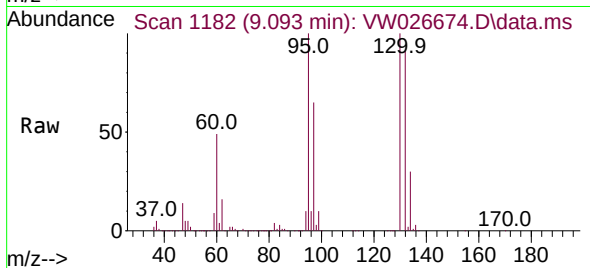
Ion Ratio Lower Upper

95 100

97 65.0 44.6 82.8

132 91.2 66.4 123.2

130 99.5 67.3 125.1



#35

Methylcyclohexane

Concen: 101.239 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

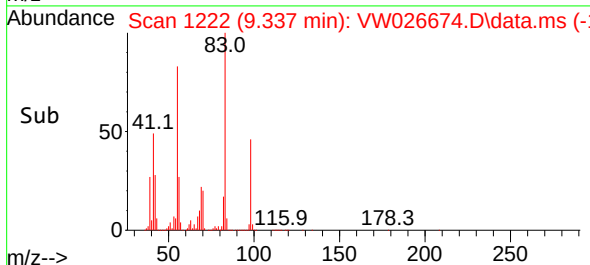
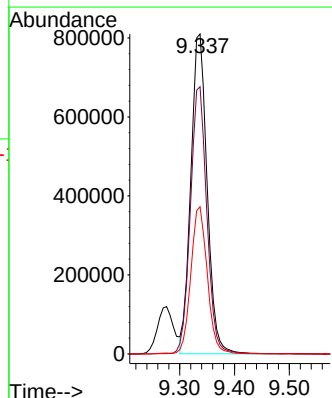
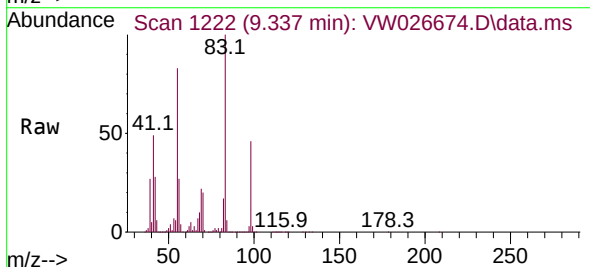
Tgt Ion: 83 Resp: 1676573

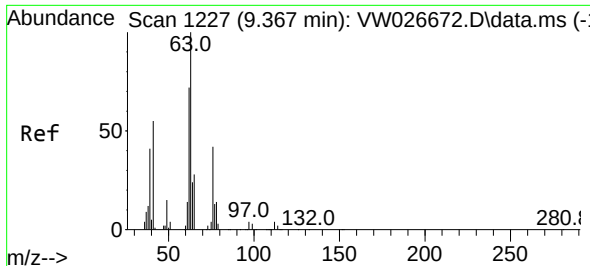
Ion Ratio Lower Upper

83 100

55 84.4 69.3 103.9

98 46.4 37.4 56.0





#37

1,2-Dichloropropane

Concen: 92.924 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

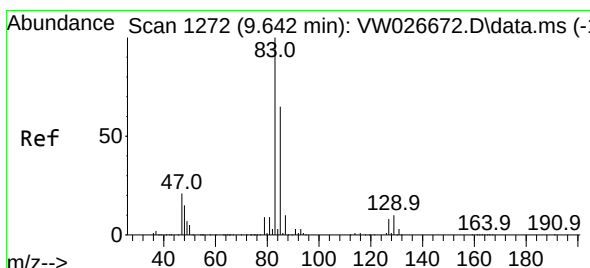
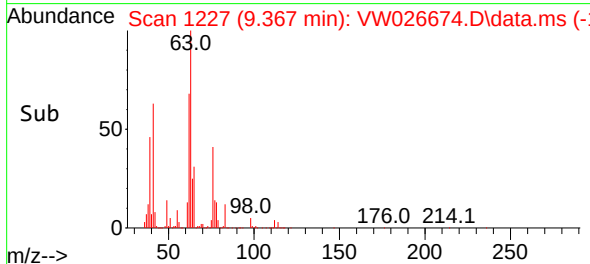
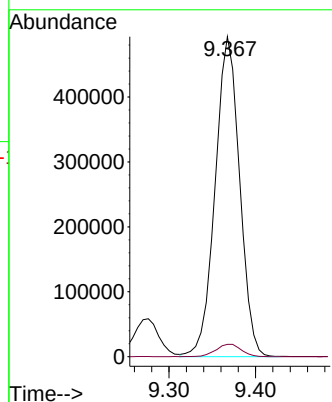
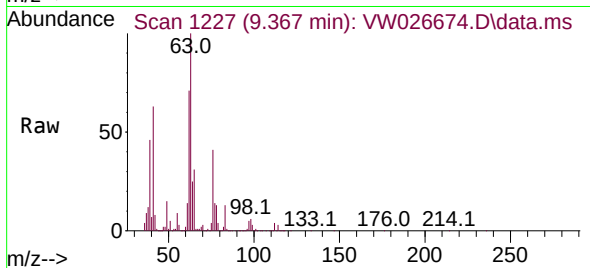
VSTD100424

Tgt Ion: 63 Resp: 967421

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 94.631 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

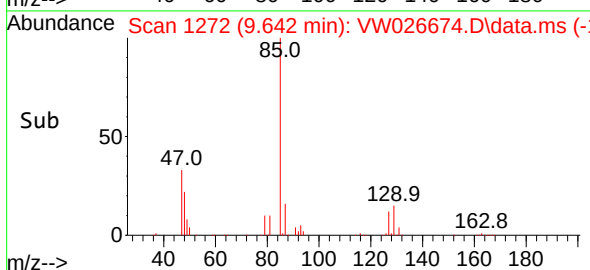
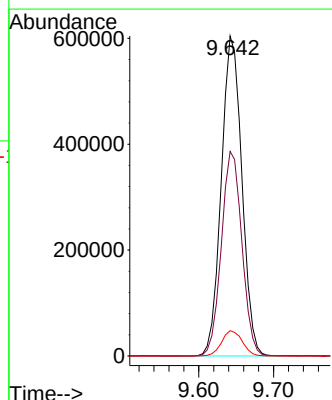
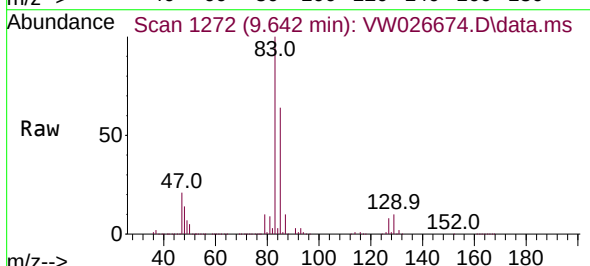
Tgt Ion: 83 Resp: 1155733

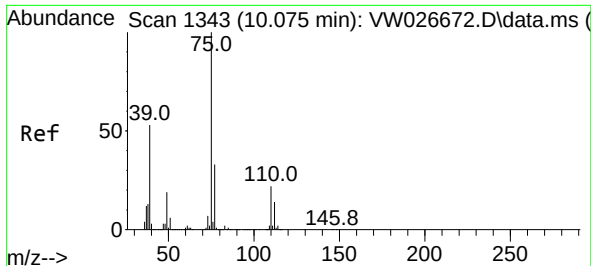
Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2

127 7.9 6.2 9.2

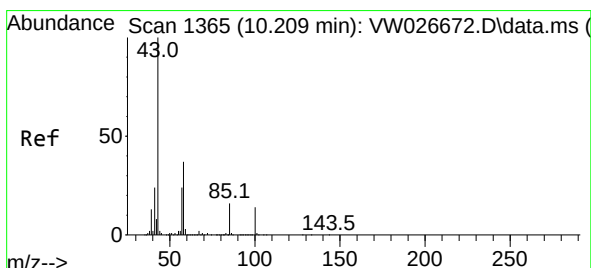
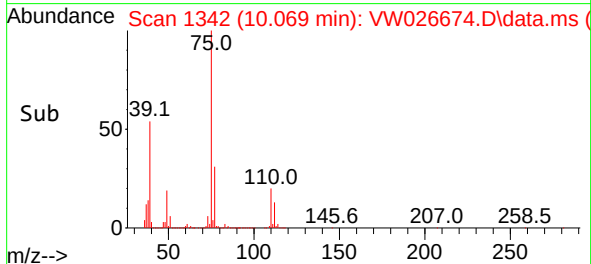
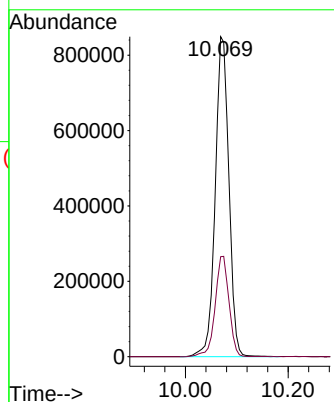
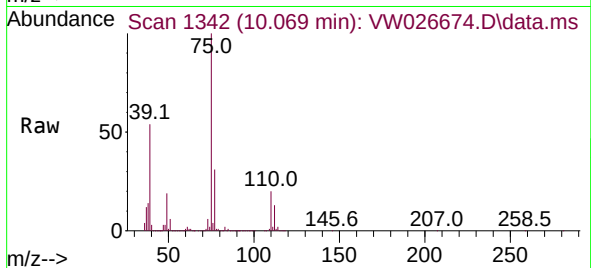




#39
 cis-1,3-Dichloropropene
 Concen: 104.390 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW026674.D
 Acq: 10 Aug 2023 11:56

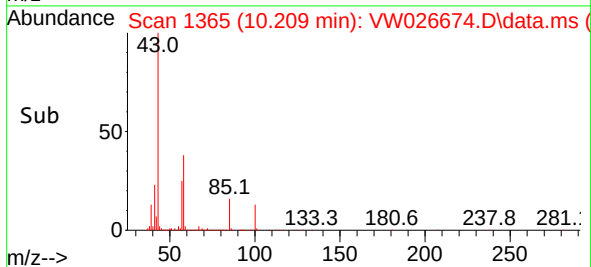
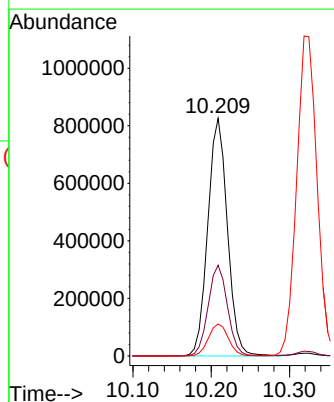
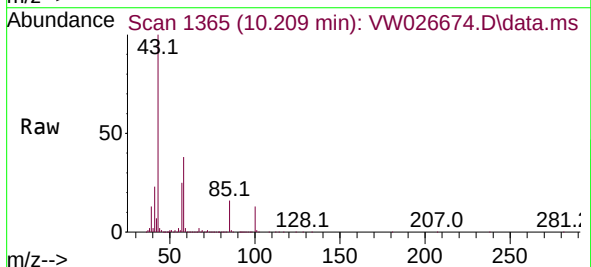
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100424

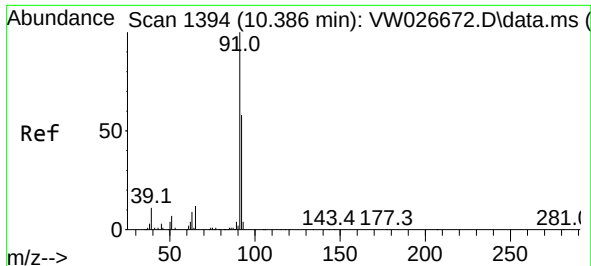
Tgt Ion: 75 Resp: 1563456
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 211.743 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026674.D
 Acq: 10 Aug 2023 11:56

Tgt Ion: 43 Resp: 1433915
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.2 43.8
 100 13.7 10.7 16.1

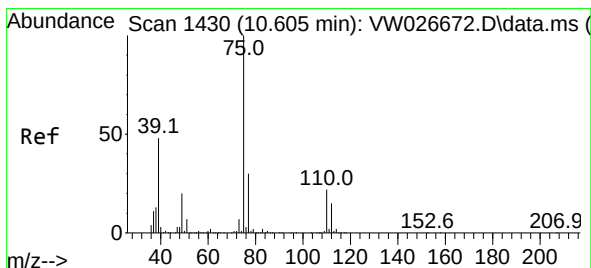
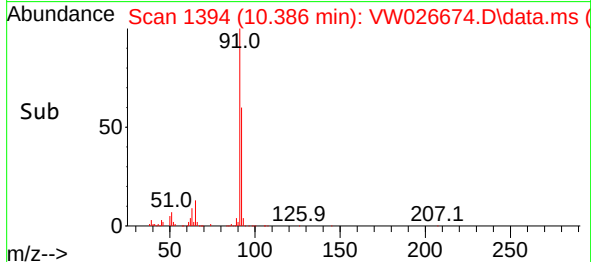
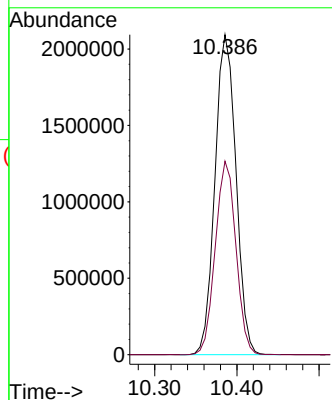
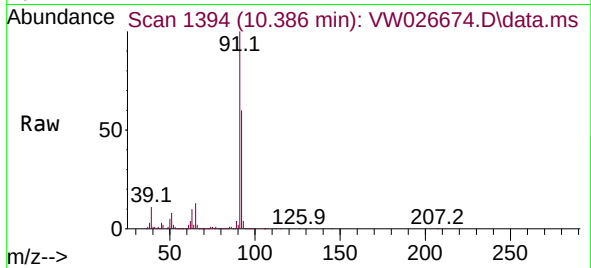




#42
Toluene
Concen: 96.756 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

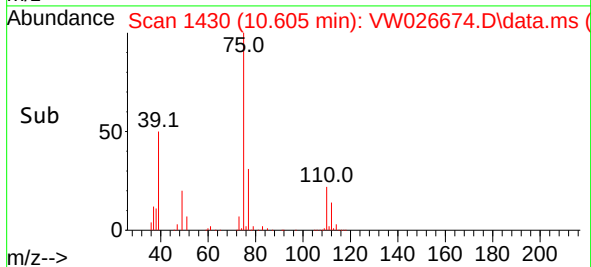
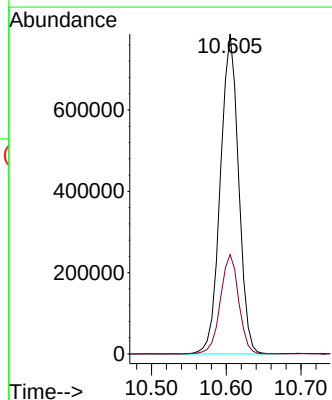
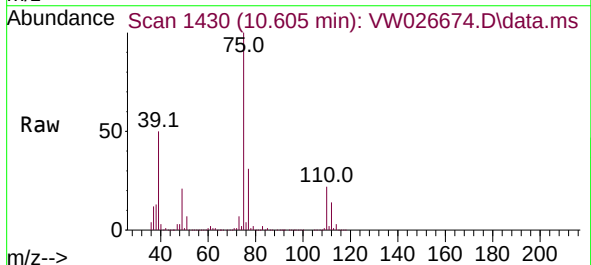
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

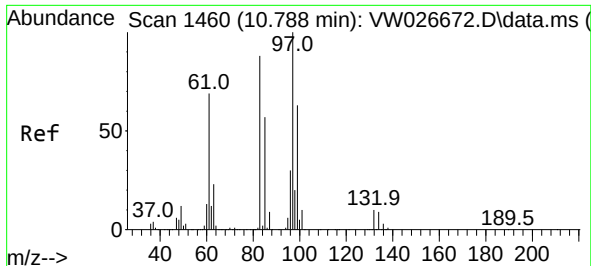
Tgt Ion: 91 Resp: 3720199
Ion Ratio Lower Upper
91 100
92 60.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 103.580 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 75 Resp: 1335262
Ion Ratio Lower Upper
75 100
77 31.1 21.2 39.4



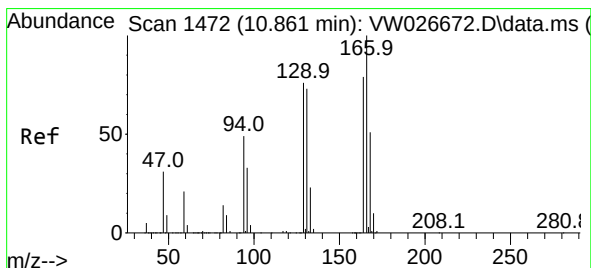
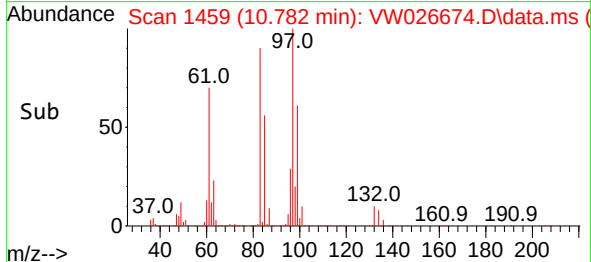
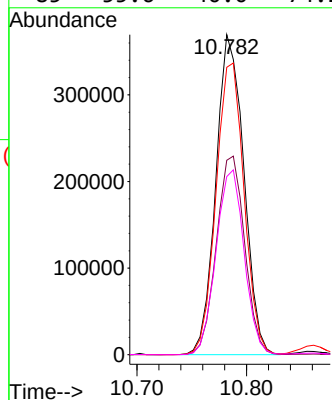
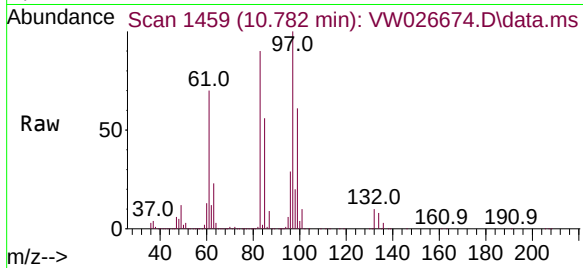


#45
1,1,2-Trichloroethane
Concen: 91.973 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

Tgt Ion: 97 Resp: 654858

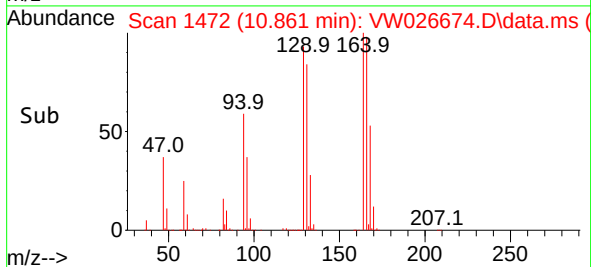
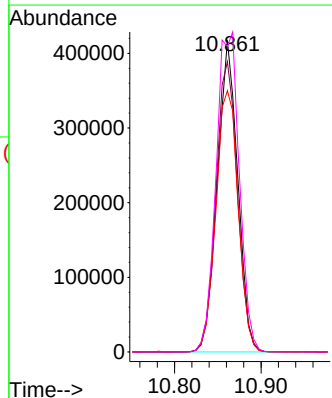
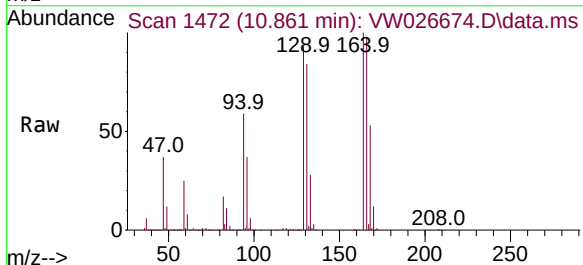
Ion	Ratio	Lower	Upper
97	100		
99	60.7	44.2	82.0
83	89.8	61.9	114.9
85	55.6	40.0	74.2

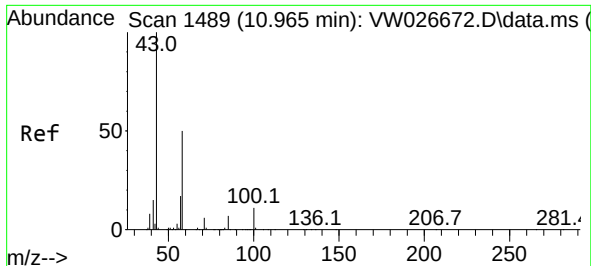


#46
Tetrachloroethene
Concen: 97.271 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 164 Resp: 684084

Ion	Ratio	Lower	Upper
164	100		
129	93.2	68.1	126.5
131	83.9	65.5	121.7
166	98.1	89.1	165.5

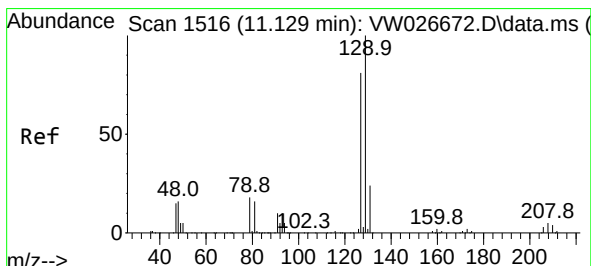
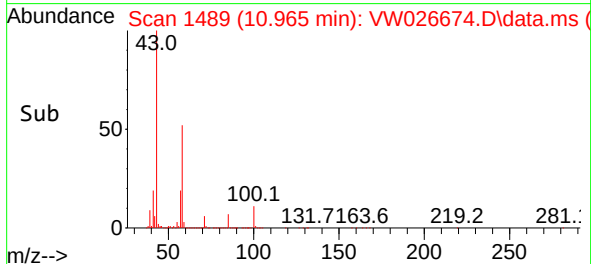
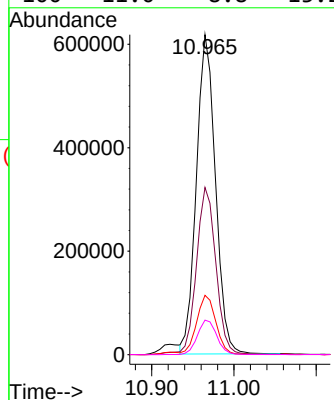
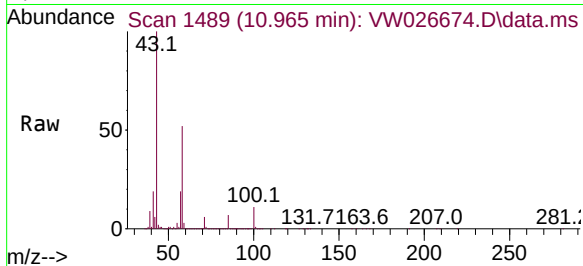




#48
2-Hexanone
Concen: 215.921 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

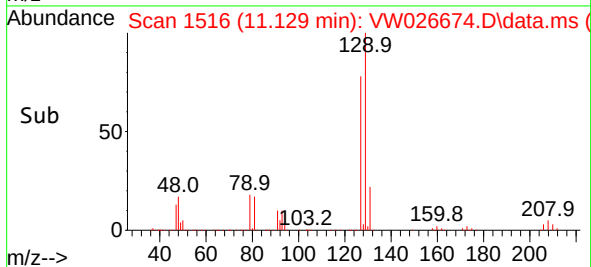
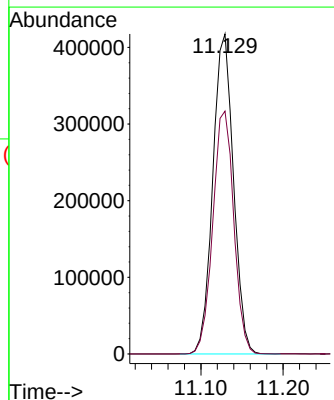
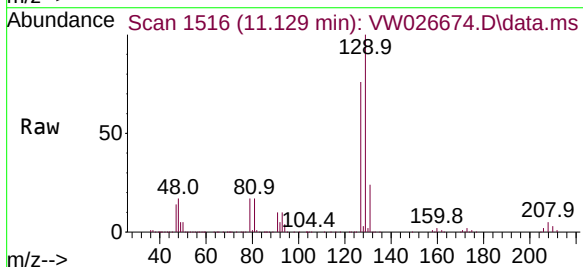
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

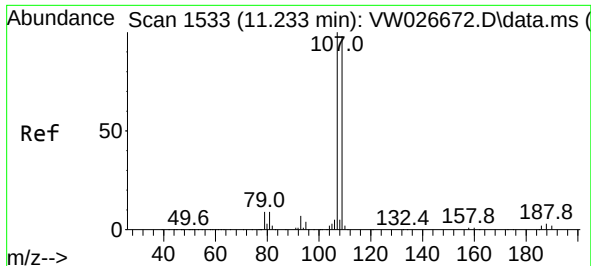
Tgt Ion: 43 Resp: 994954
Ion Ratio Lower Upper
43 100
58 53.1 41.1 61.7
57 18.7 14.3 21.5
100 11.0 8.8 13.2



#49
Dibromochloromethane
Concen: 97.741 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 129 Resp: 727864
Ion Ratio Lower Upper
129 100
127 75.9 56.6 105.2

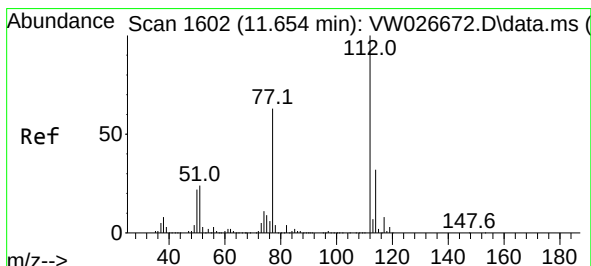
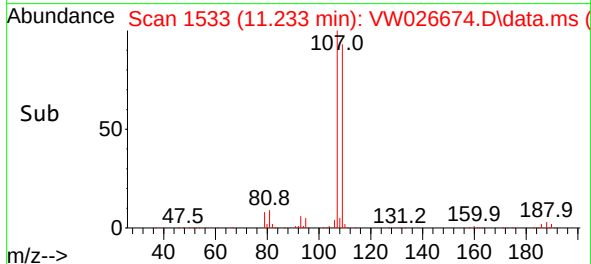
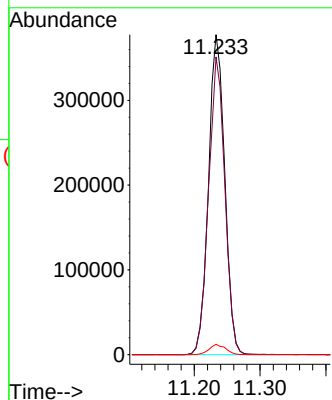
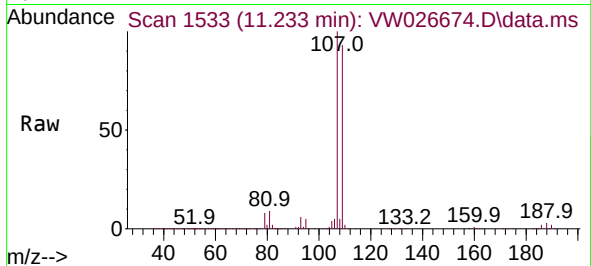




#50
1,2-Dibromoethane
Concen: 97.192 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

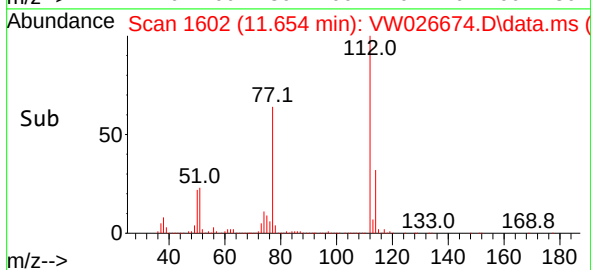
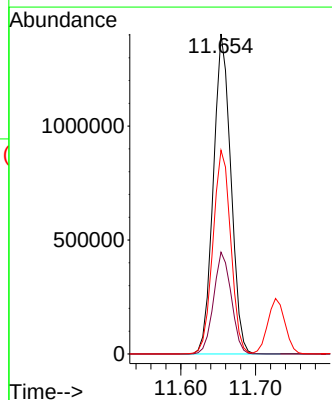
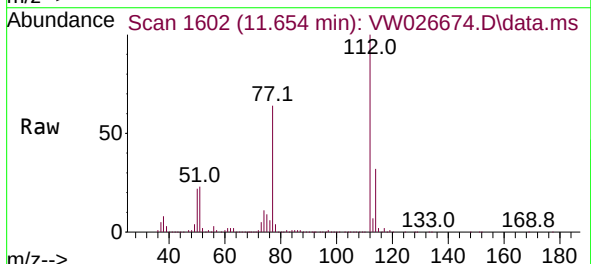
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

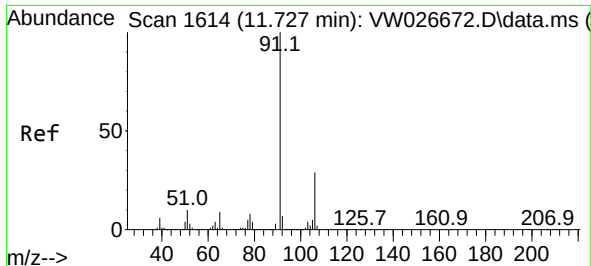
Tgt Ion:107 Resp: 649315
Ion Ratio Lower Upper
107 100
109 93.1 68.8 127.8
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 94.158 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion:112 Resp: 2286811
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 63.7 50.2 75.2

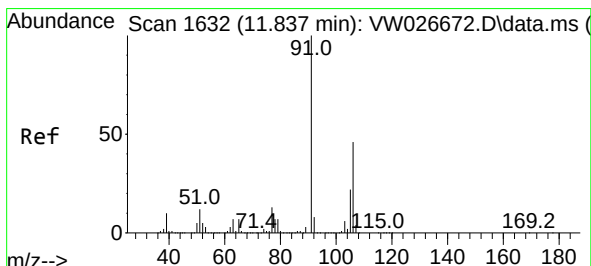
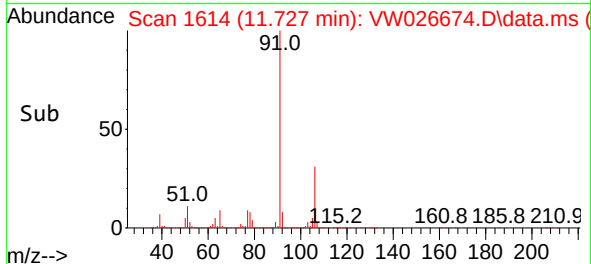
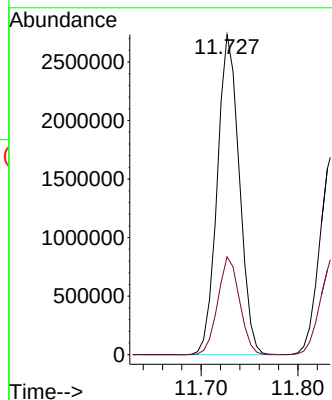
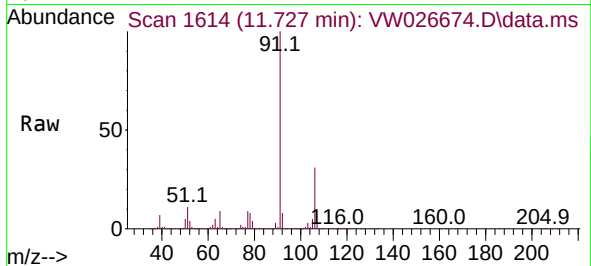




#52
Ethylbenzene
Concen: 100.141 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

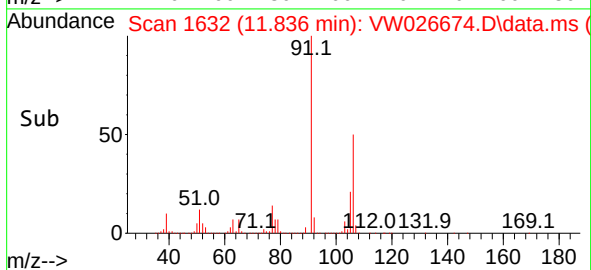
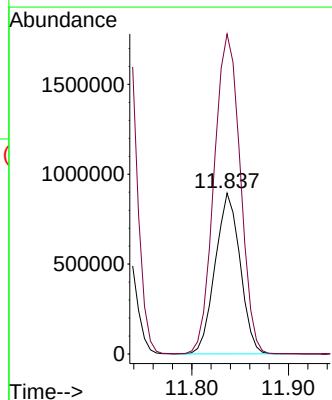
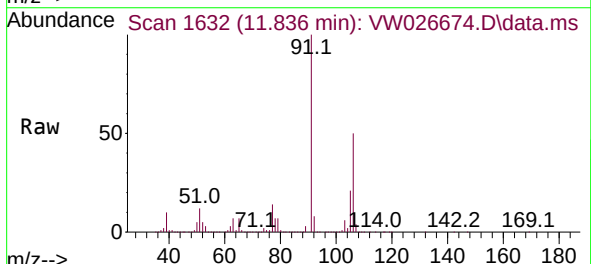
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

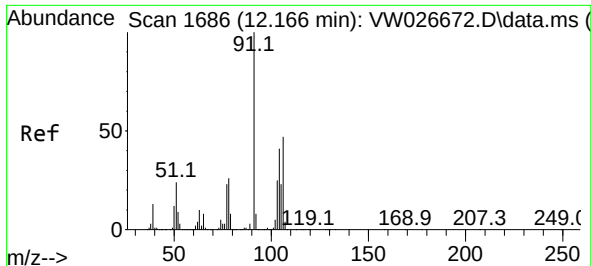
Tgt Ion: 91 Resp: 4317777
Ion Ratio Lower Upper
91 100
106 30.6 20.2 37.6



#53
m,p-Xylene
Concen: 100.089 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion:106 Resp: 1598750
Ion Ratio Lower Upper
106 100
91 199.0 152.9 284.1

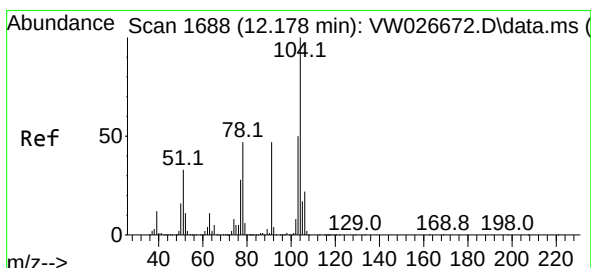
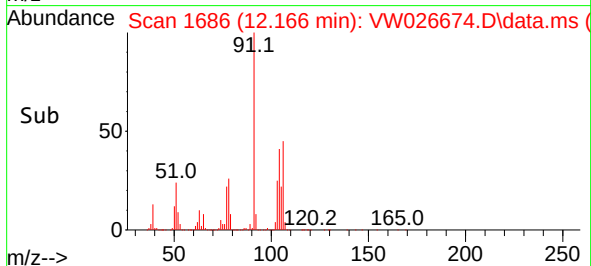
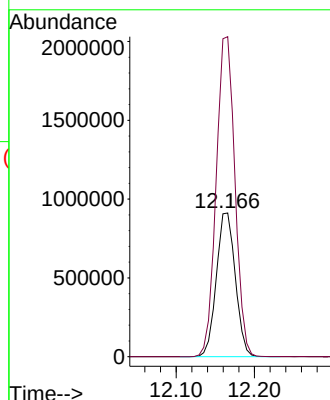
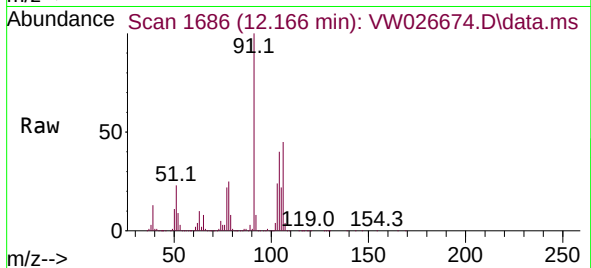




#54
o-Xylene
Concen: 102.839 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

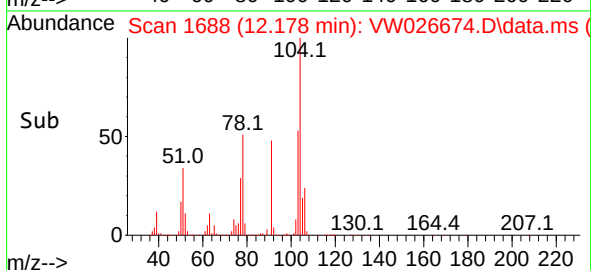
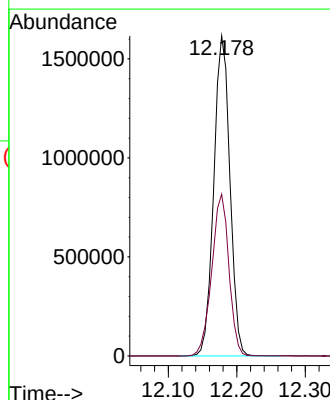
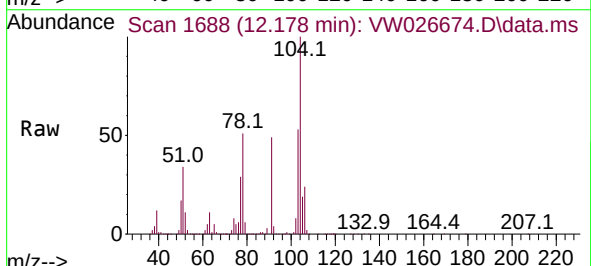
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

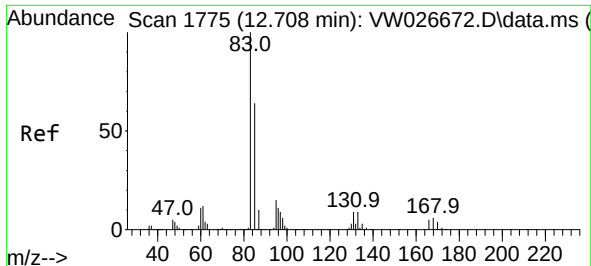
Tgt Ion:106 Resp: 1533109
Ion Ratio Lower Upper
106 100
91 222.8 149.9 278.3



#55
Styrene
Concen: 102.089 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion:104 Resp: 2646239
Ion Ratio Lower Upper
104 100
78 50.5 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 93.900 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD100424

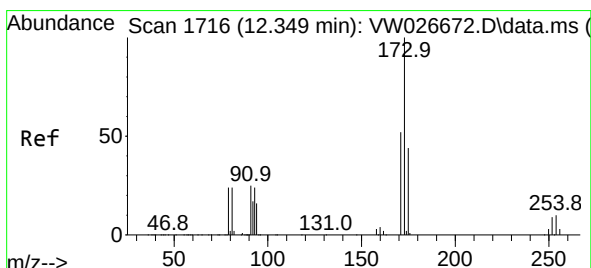
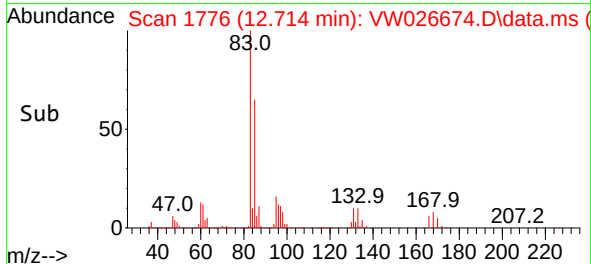
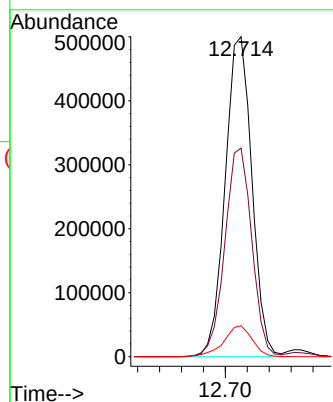
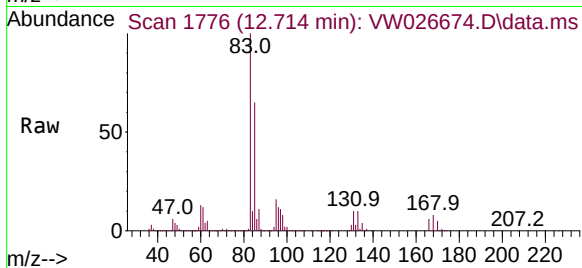
Tgt Ion: 83 Resp: 846725

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3

131 9.6 7.4 11.0



#59

Bromoform

Concen: 95.540 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

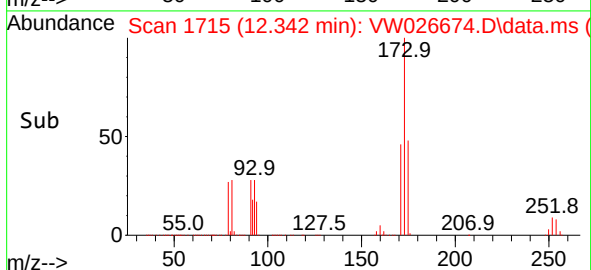
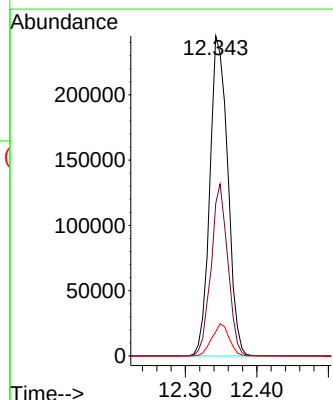
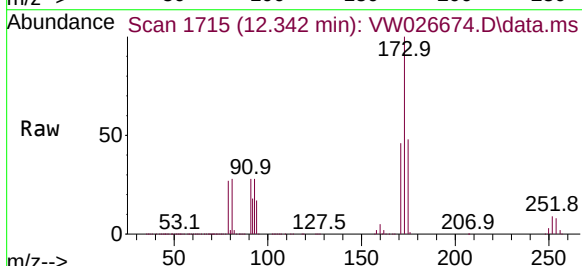
Tgt Ion:173 Resp: 425829

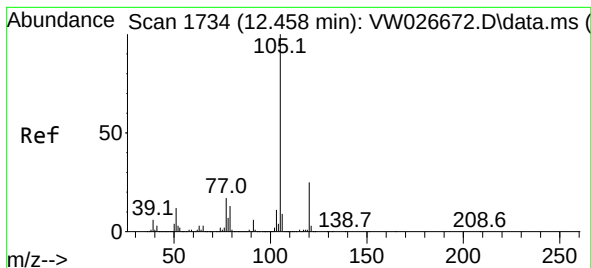
Ion Ratio Lower Upper

173 100

175 50.2 36.6 55.0

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 100.572 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD100424

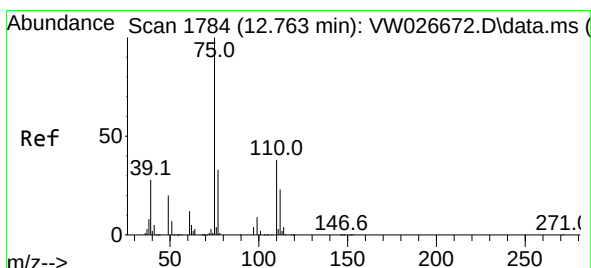
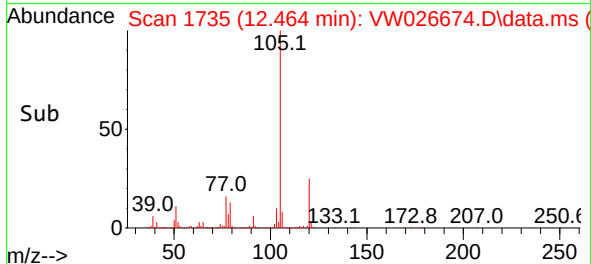
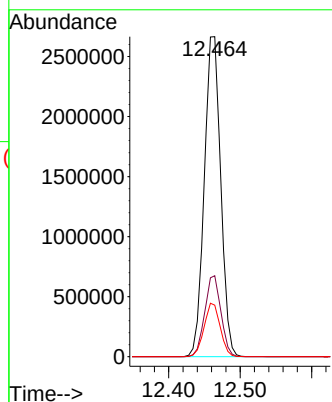
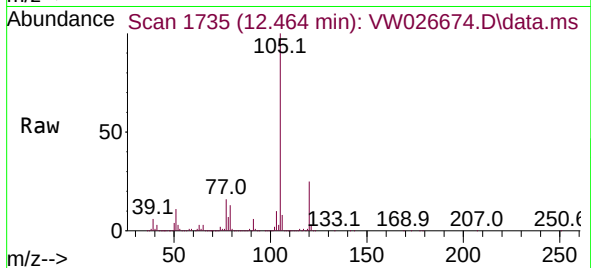
Tgt Ion:105 Resp: 4254392

Ion Ratio Lower Upper

105 100

120 24.9 21.0 31.6

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 93.457 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

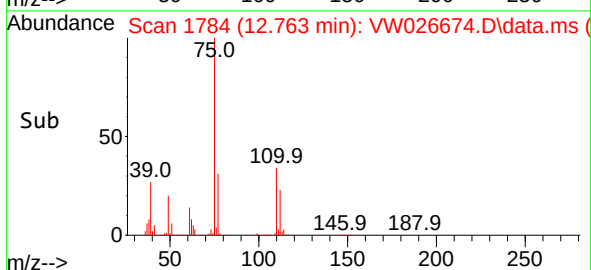
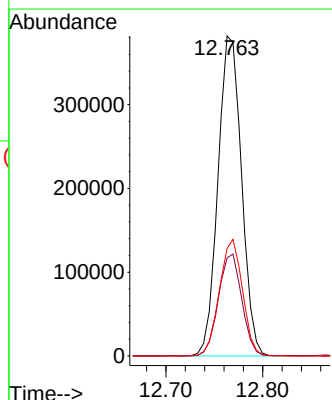
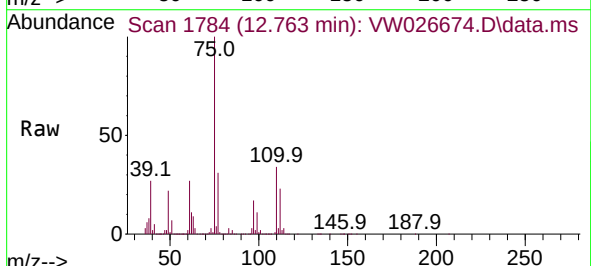
Tgt Ion: 75 Resp: 645009

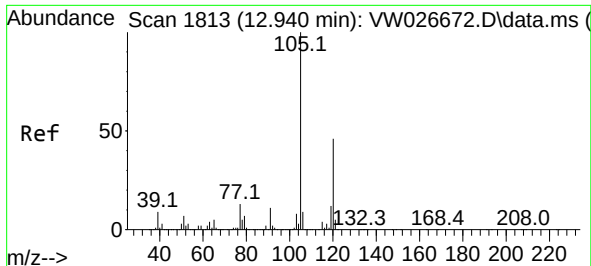
Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

110 35.7 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 102.823 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

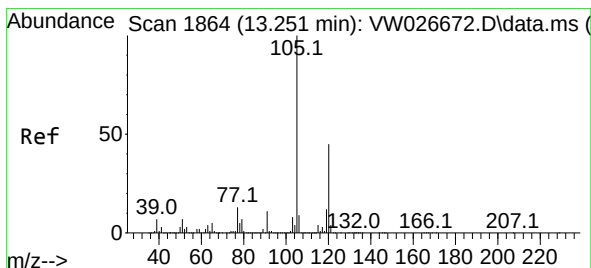
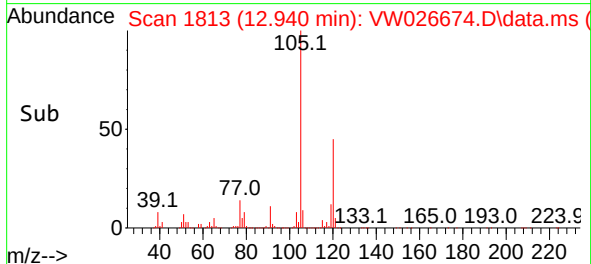
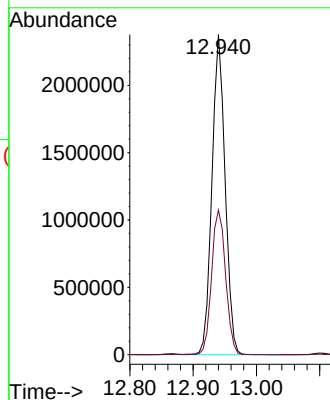
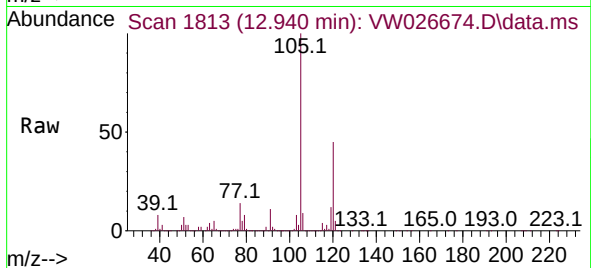
VSTD100424

Tgt Ion:105 Resp: 3437949

Ion Ratio Lower Upper

105 100

120 48.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 104.102 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VW026674.D

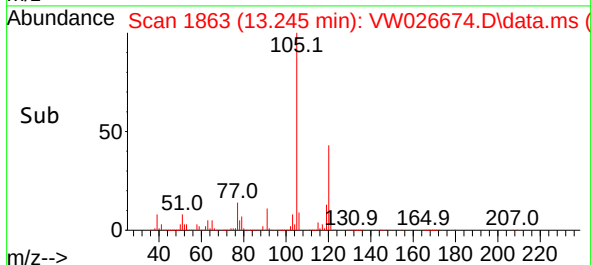
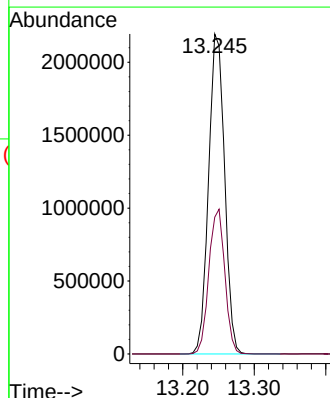
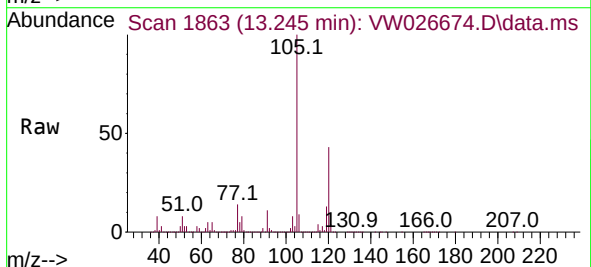
Acq: 10 Aug 2023 11:56

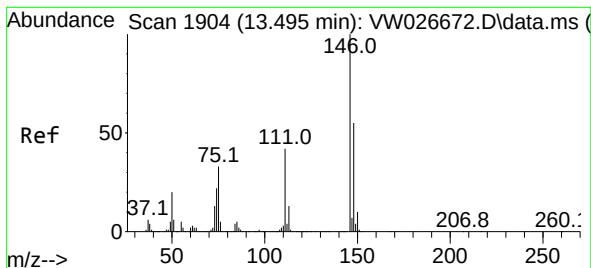
Tgt Ion:105 Resp: 3410859

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 93.143 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD100424

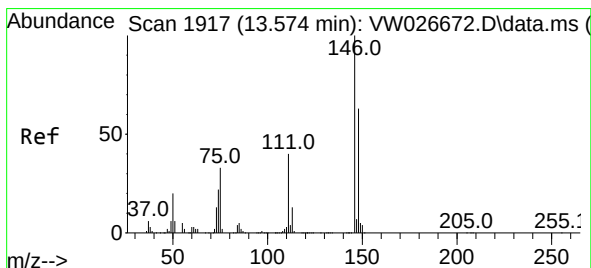
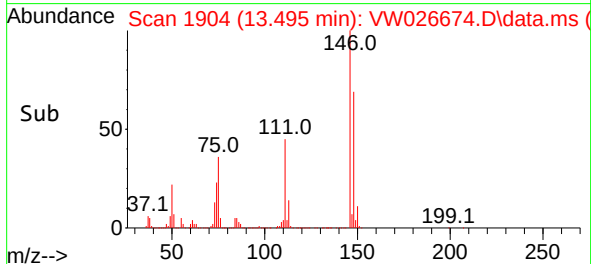
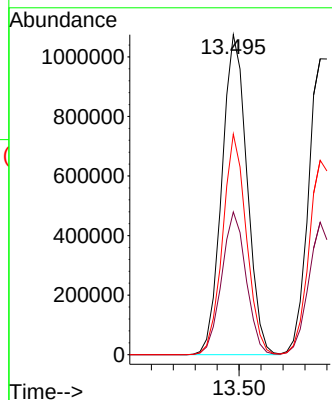
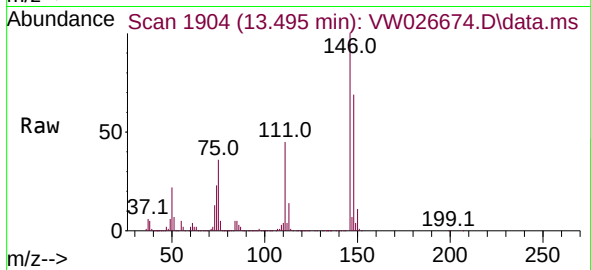
Tgt Ion:146 Resp: 1713565

Ion Ratio Lower Upper

146 100

111 44.6 29.1 54.1

148 69.0 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 88.379 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

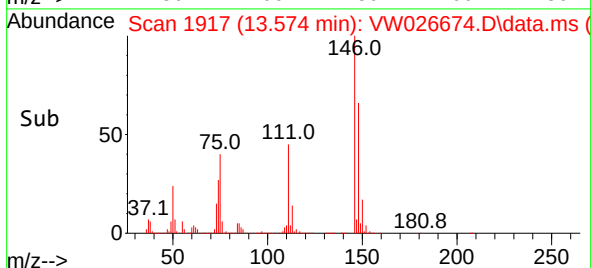
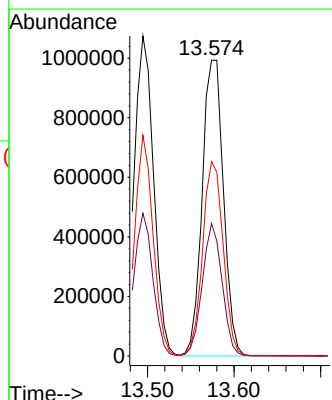
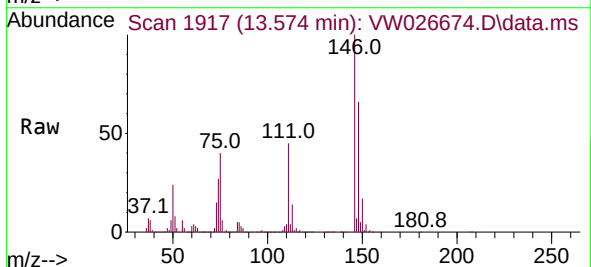
Tgt Ion:146 Resp: 1696822

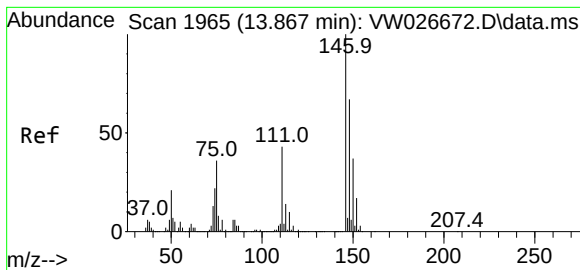
Ion Ratio Lower Upper

146 100

111 44.8 28.3 52.7

148 65.7 44.2 82.2

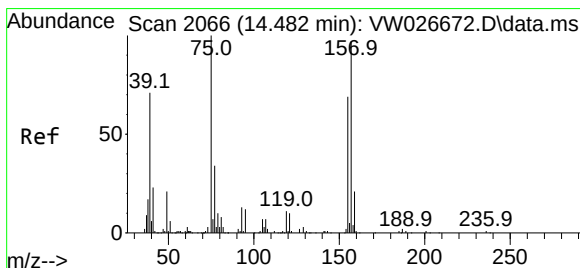
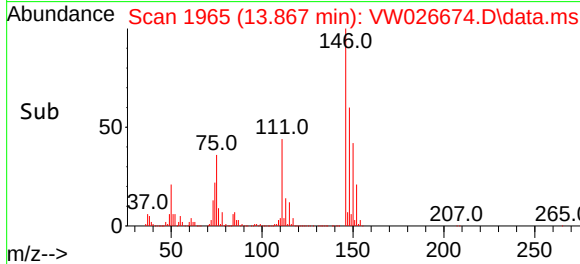
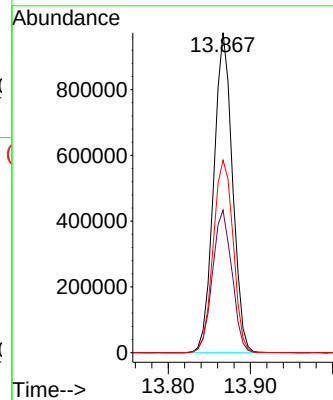
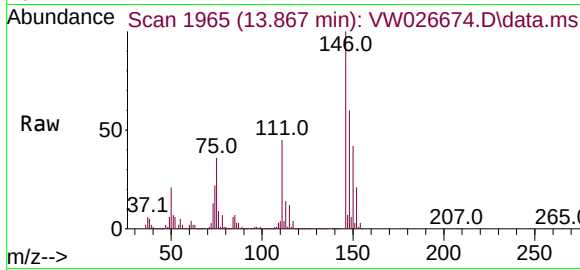




#67
1,2-Dichlorobenzene
Concen: 92.048 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

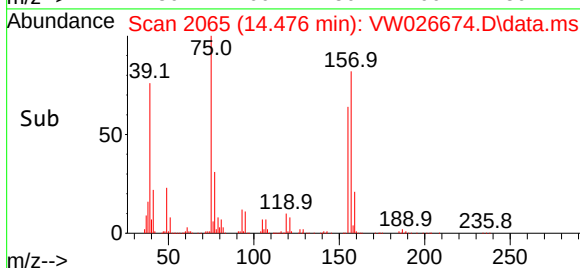
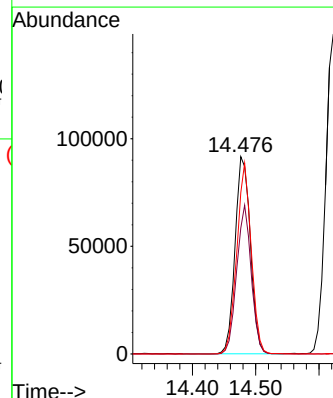
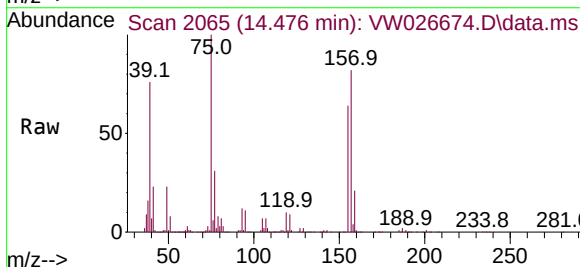
Instrument :
MSVOA_W
ClientSampleId :
VSTD100424

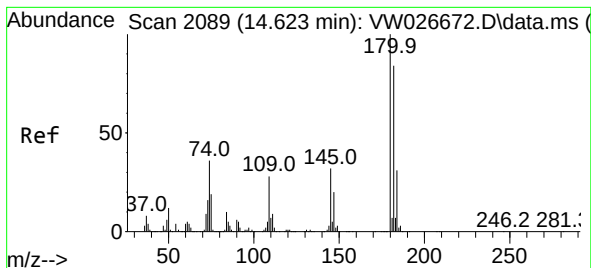
Tgt Ion:146 Resp: 1539921
Ion Ratio Lower Upper
146 100
111 44.6 34.6 52.0
148 60.2 53.4 80.0



#68
1,2-Dibromo-3-chloropropane
Concen: 93.068 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW026674.D
Acq: 10 Aug 2023 11:56

Tgt Ion: 75 Resp: 153628
Ion Ratio Lower Upper
75 100
155 63.8 55.0 82.6
157 81.7 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 92.305 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026674.D

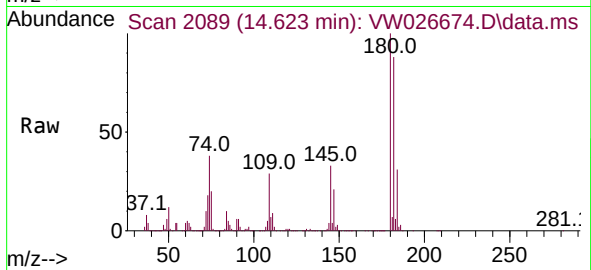
Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD100424



Tgt Ion:180 Resp: 1147269

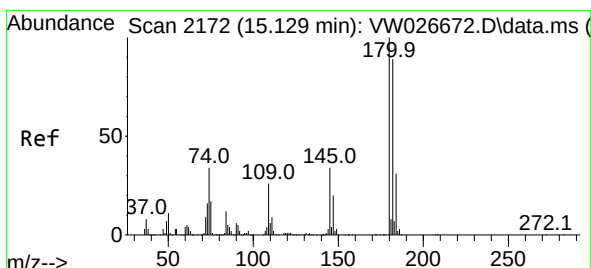
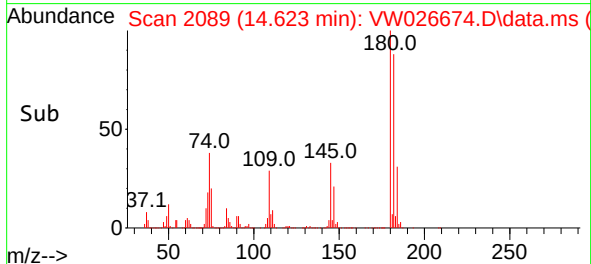
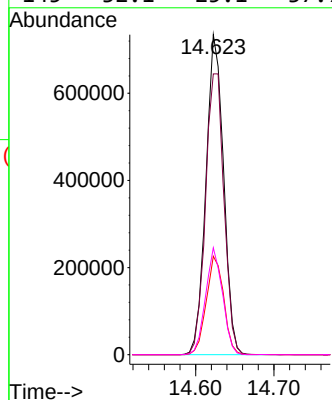
Ion Ratio Lower Upper

180 100

182 92.3 75.2 112.8

184 30.4 23.8 35.8

145 32.1 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 96.557 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

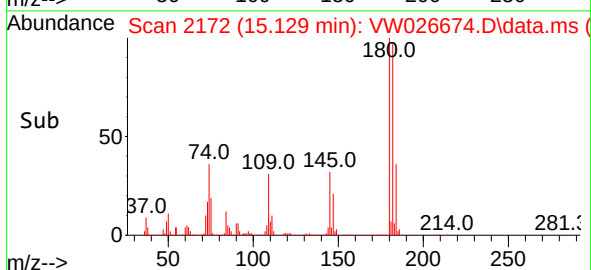
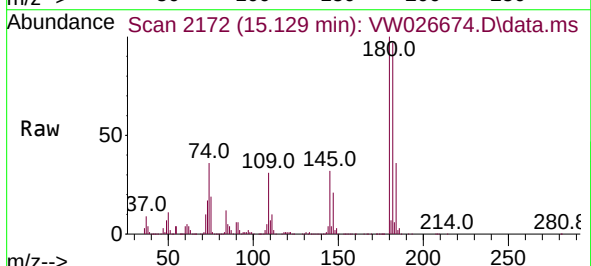
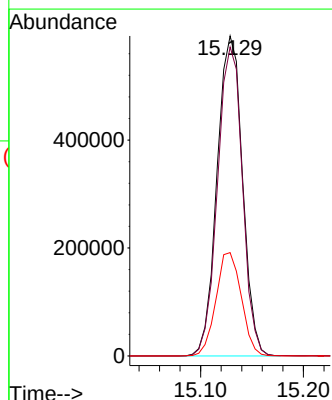
Tgt Ion:180 Resp: 1017518

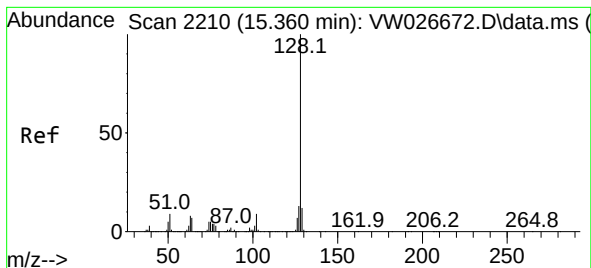
Ion Ratio Lower Upper

180 100

182 94.7 72.5 108.7

145 32.3 24.7 37.1





#71

Naphthalene

Concen: 106.499 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD100424

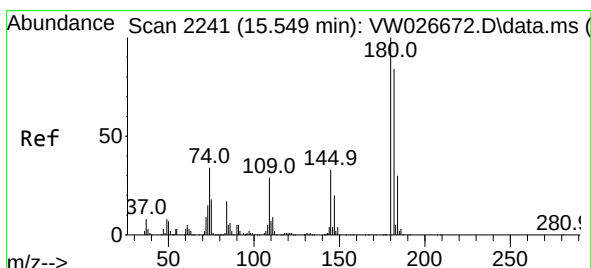
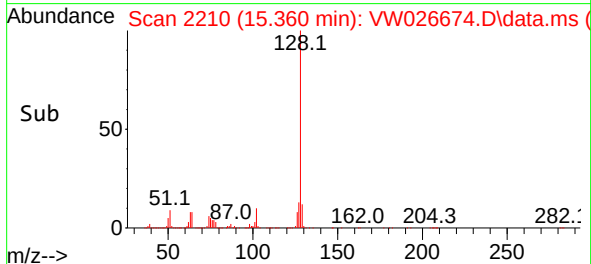
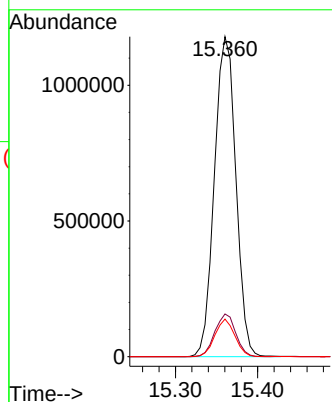
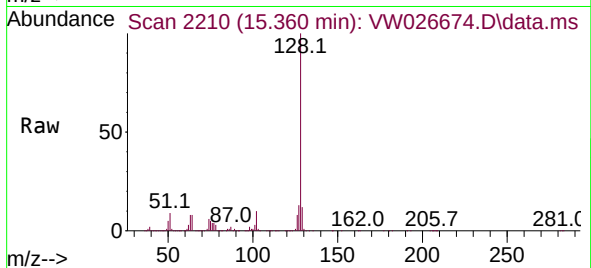
Tgt Ion:128 Resp: 2140783

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 94.320 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026674.D

Acq: 10 Aug 2023 11:56

Tgt Ion:180 Resp: 896498

Ion Ratio Lower Upper

180 100

182 95.5 74.6 112.0

145 33.9 27.0 40.6

