

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026670.D
 Acq On : 10 Aug 2023 10:20
 Operator : SY/MD
 Sample : VSTD2.520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5420

Quant Time: Aug 11 01:25:47 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	497652	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	486509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	247526	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	21974	2.686	ug/L	0.00
7) Chloroethane-d5	2.899	69	16224	2.700	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10523	2.615	ug/L	0.00
21) 2-Butanone-d5	7.093	46	12003	5.134	ug/L	0.01
24) Chloroform-d	7.648	84	43942	2.631	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	23848	2.587	ug/L	0.00
32) Benzene-d6	8.276	84	84610	2.523	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	27434	2.627	ug/L	0.00
41) Toluene-d8	10.325	98	67125	2.332	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	10039	2.328	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	4254	3.876	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	20641	2.503	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	22077	2.492	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	16145	2.356	ug/L	97
3) Chloromethane	2.216	50	21555	2.330	ug/L	96
5) Vinyl chloride	2.375	62	23295	2.634	ug/L	96
6) Bromomethane	2.783	94	13750	2.664	ug/L	93
8) Chloroethane	2.936	64	13287	2.507	ug/L	98
9) Trichlorofluoromethane	3.265	101	15970	2.200	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	10043	1.294	ug/L #	42
12) 1,1-Dichloroethene	3.905	96	40	0.005	ug/L	68
13) Acetone	4.131	43	10979	4.741	ug/L	92
14) Carbon disulfide	4.393	76	65160	2.462	ug/L	95
15) Methyl Acetate	4.606	43	123	0.026	ug/L	93
16) Methylene chloride	4.923	84	50594	5.256	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	19555	2.382	ug/L	89
18) Methyl tert-butyl Ether	5.417	73	26707	2.150	ug/L	96
19) 1,1-Dichloroethane	6.216	63	41784	2.473	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	19798	2.244	ug/L	93
22) 2-Butanone	7.136	43	3916	1.137	ug/L	79
23) Bromochloromethane	7.514	128	9203	2.415	ug/L	91
25) Chloroform	7.679	83	39907	2.445	ug/L	96
27) 1,2-Dichloroethane	8.398	62	27560	2.421	ug/L	98
29) Cyclohexane	7.959	56	30166	2.005	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	31484	2.480	ug/L	96
31) Carbon tetrachloride	8.069	117	29864	2.572	ug/L	99
33) Benzene	8.325	78	83561	2.359	ug/L	100
34) Trichloroethene	9.093	95	22317	2.473	ug/L	92
35) Methylcyclohexane	9.337	83	32246	2.089	ug/L	93
37) 1,2-Dichloropropane	9.367	63	23511	2.423	ug/L	98
38) Bromodichloromethane	9.642	83	26562	2.333	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	30476	2.183	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	25656	4.064	ug/L	99
42) Toluene	10.386	91	78562	2.192	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	26157	2.177	ug/L	97

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 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)

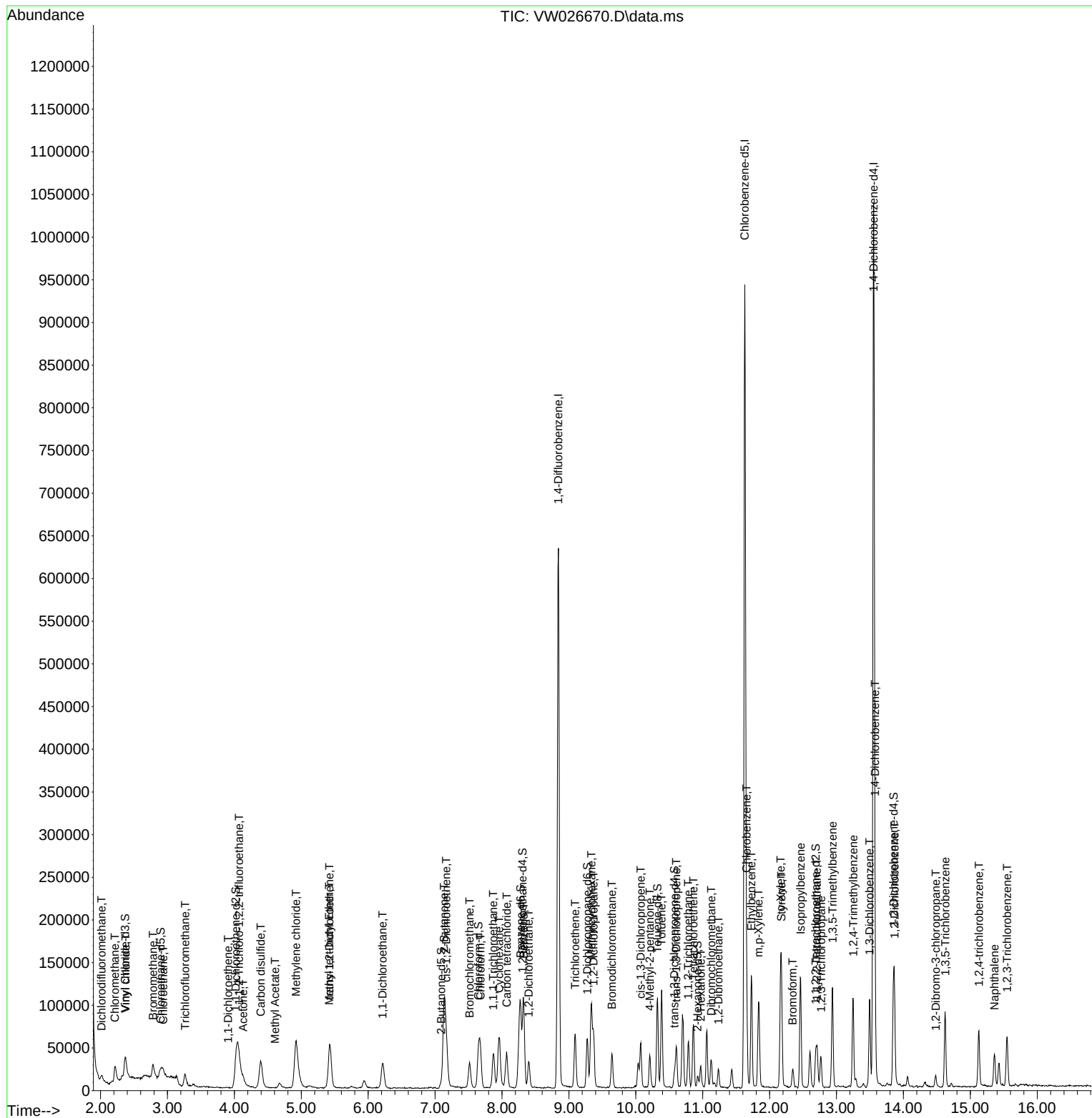
45) 1,1,2-Trichloroethane	10.782	97	16521	2.489	ug/L	93
46) Tetrachloroethene	10.861	164	16416	2.504	ug/L	98
48) 2-Hexanone	10.971	43	15677	3.650	ug/L	95
49) Dibromochloromethane	11.129	129	16452	2.370	ug/L	92
50) 1,2-Dibromoethane	11.233	107	14490	2.327	ug/L #	98
51) Chlorobenzene	11.654	112	56179	2.482	ug/L	96
52) Ethylbenzene	11.727	91	85480	2.127	ug/L	100
53) m,p-Xylene	11.836	106	31613	2.123	ug/L	92
54) o-Xylene	12.166	106	28267	2.034	ug/L	100
55) Styrene	12.178	104	47982	1.986	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	20445	2.432	ug/L	90
59) Bromoform	12.342	173	9659	2.491	ug/L	99
60) Isopropylbenzene	12.464	105	76687	2.084	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	15287	2.546	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	56417	1.940	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	53822	1.888	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	37733	2.358	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	41495	2.484	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	35416	2.433	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	3635	2.531	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.629	180	24940	2.307	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	19132	2.087	ug/L	93
71) Naphthalene	15.360	128	31606	1.807	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	17130	2.072	ug/L	97

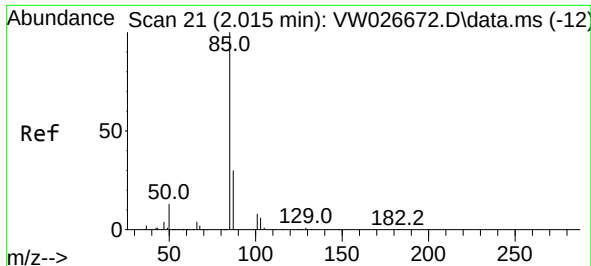
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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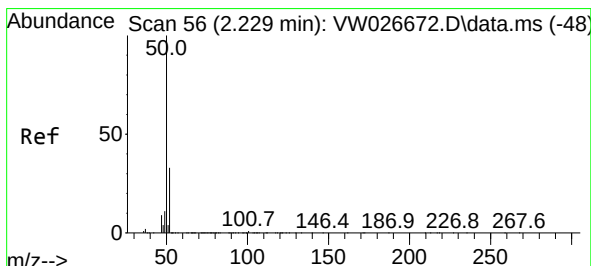
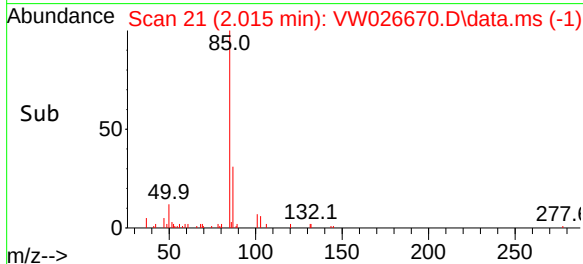
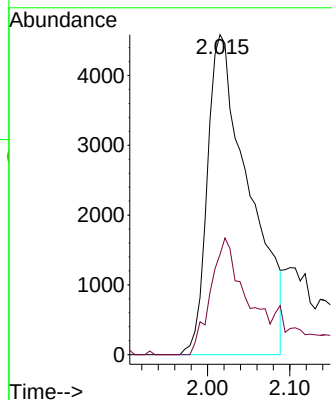
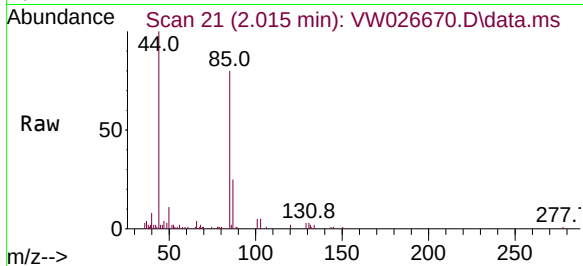




#2
 Dichlorodifluoromethane
 Concen: 2.356 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026670.D
 Acq: 10 Aug 2023 10:20

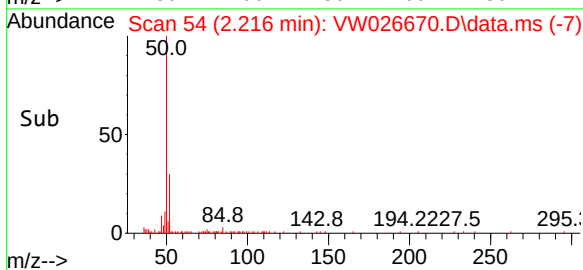
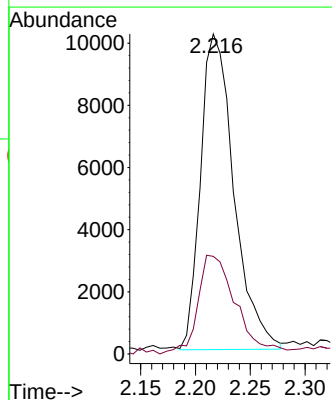
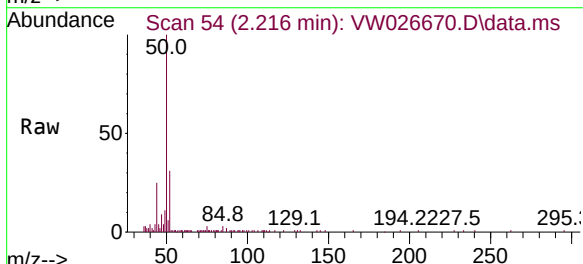
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5420

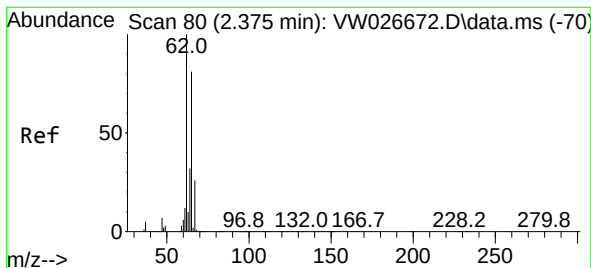
Tgt Ion: 85 Resp: 16145
 Ion Ratio Lower Upper
 85 100
 87 25.9 19.5 29.3



#3
 Chloromethane
 Concen: 2.330 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.012 min
 Lab File: VW026670.D
 Acq: 10 Aug 2023 10:20

Tgt Ion: 50 Resp: 21555
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.0 42.8





#5

Vinyl chloride

Concen: 2.634 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

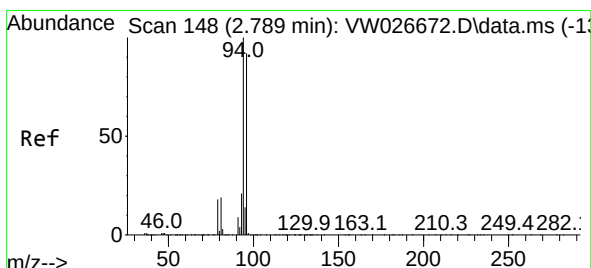
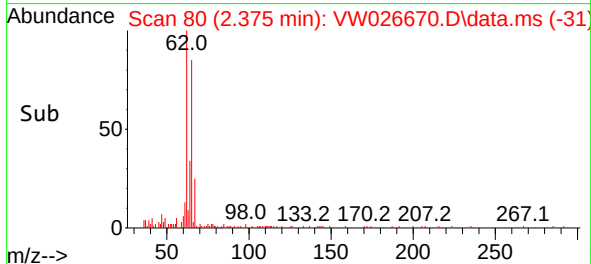
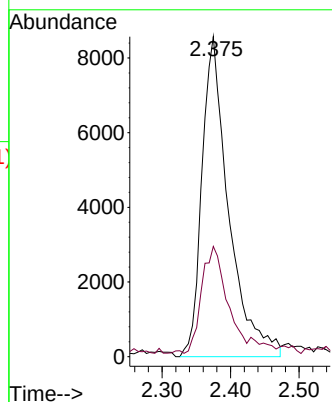
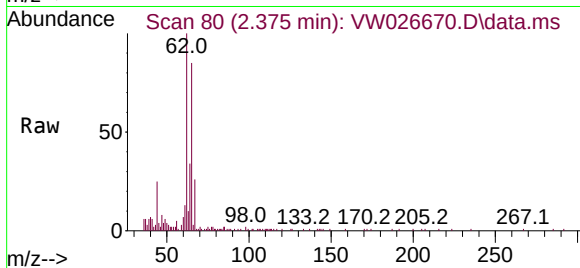
VSTD2.5420

Tgt Ion: 62 Resp: 23295

Ion Ratio Lower Upper

62 100

64 34.5 22.7 42.3



#6

Bromomethane

Concen: 2.664 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW026670.D

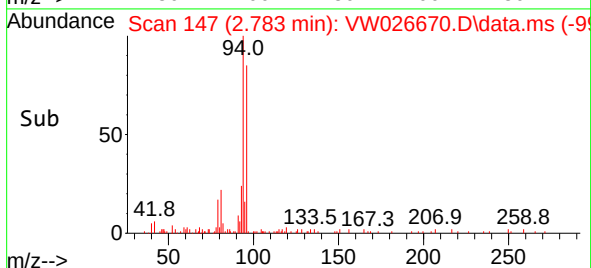
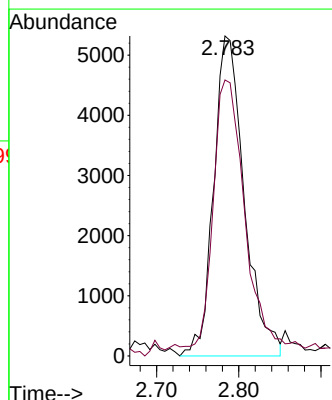
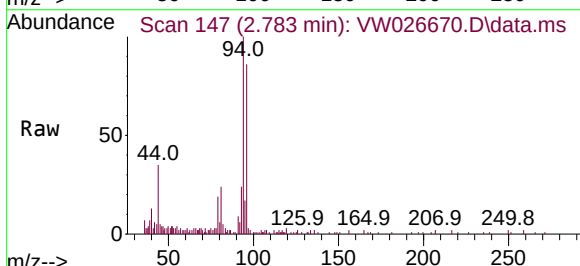
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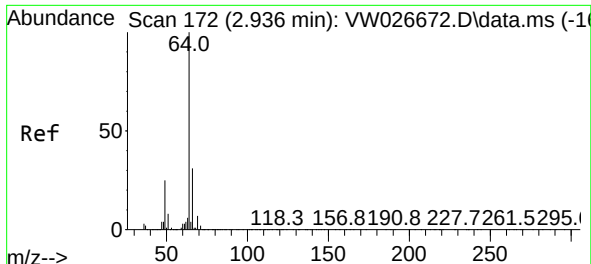
Tgt Ion: 94 Resp: 13750

Ion Ratio Lower Upper

94 100

96 86.3 64.8 120.3

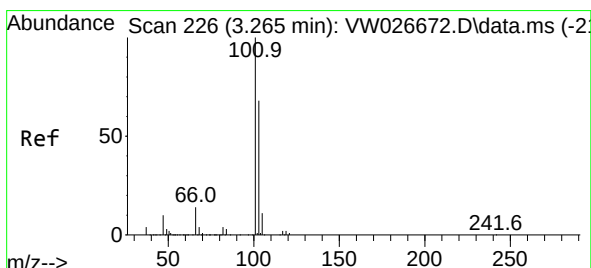
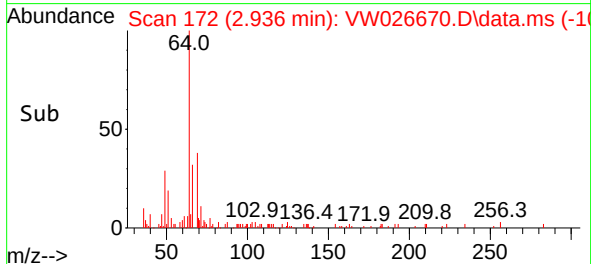
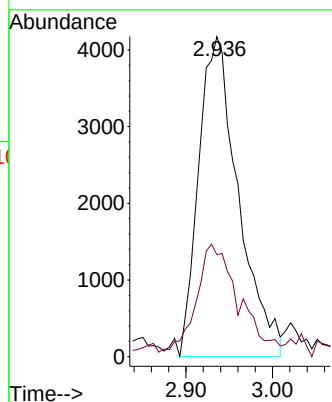
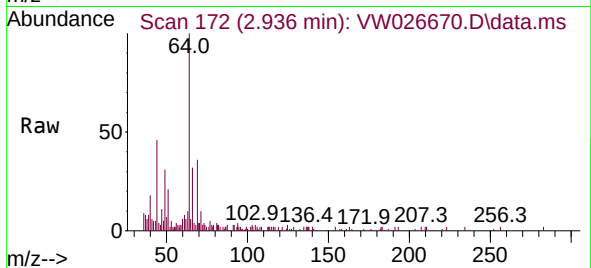




#8
Chloroethane
Concen: 2.507 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

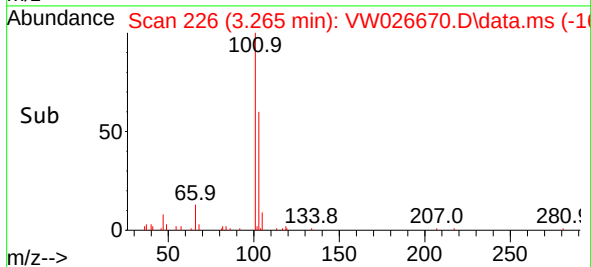
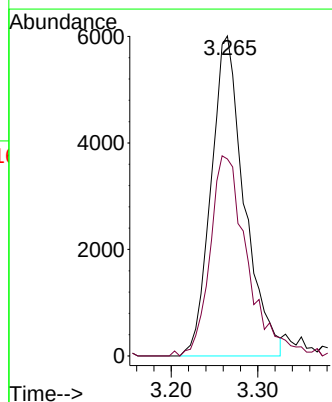
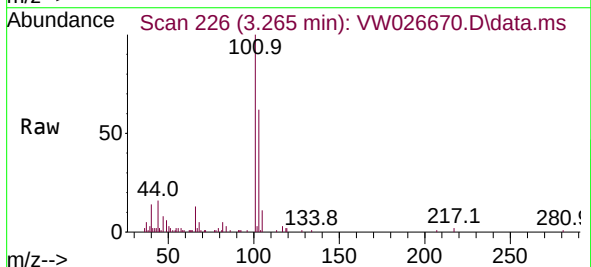
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

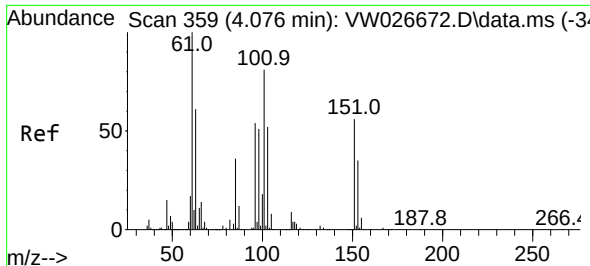
Tgt Ion: 64 Resp: 13287
Ion Ratio Lower Upper
64 100
66 31.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.200 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 101 Resp: 15970
Ion Ratio Lower Upper
101 100
103 69.3 51.9 77.9

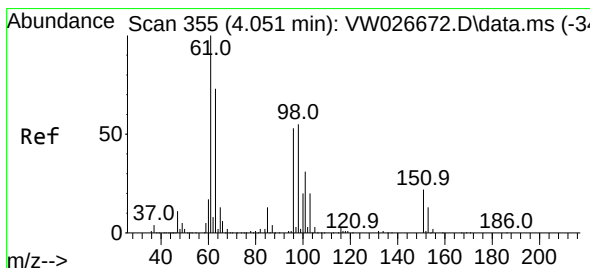
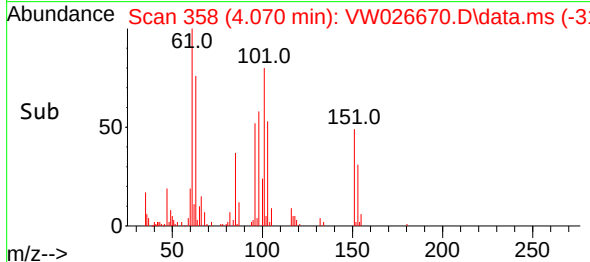
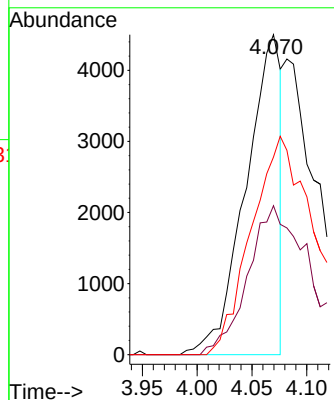
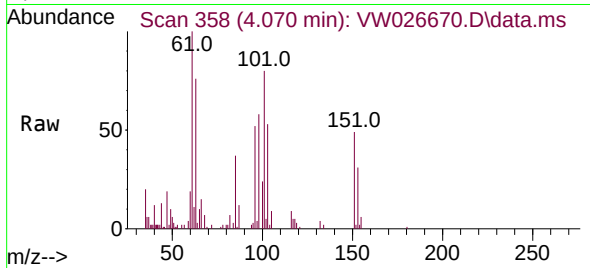




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.294 ug/L
RT: 4.070 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

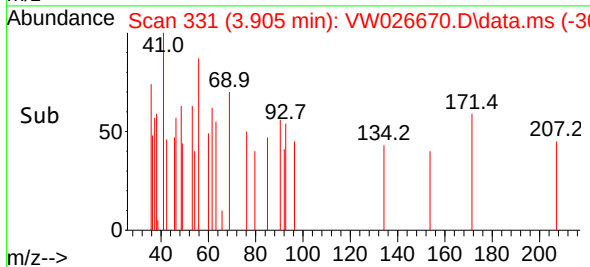
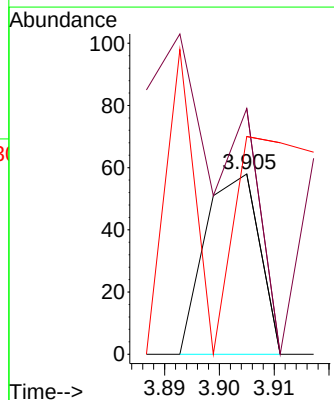
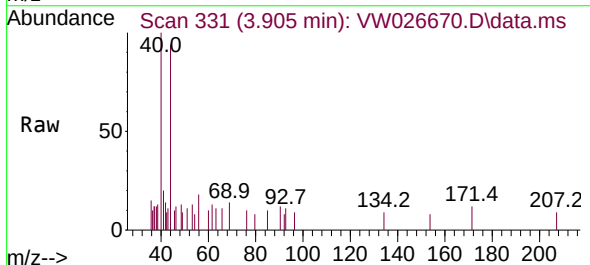
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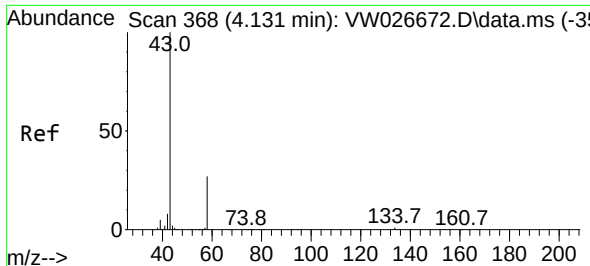
Tgt Ion:101 Resp: 10043
Ion Ratio Lower Upper
101 100
85 61.8 32.8 49.2#
151 126.3 54.4 81.6#



#12
1,1-Dichloroethene
Concen: 0.005 ug/L
RT: 3.905 min Scan# 331
Delta R.T. -0.146 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 96 Resp: 40
Ion Ratio Lower Upper
96 100
61 136.2 133.2 247.4
63 120.7 109.0 202.4





#13

Acetone

Concen: 4.741 ug/L

RT: 4.131 min Scan# 368

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

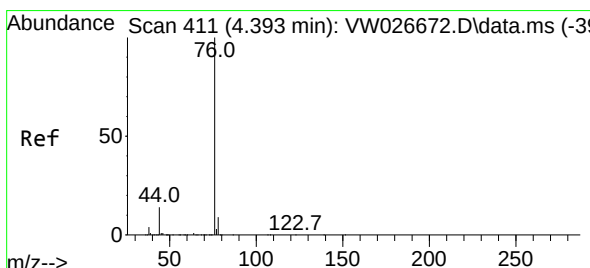
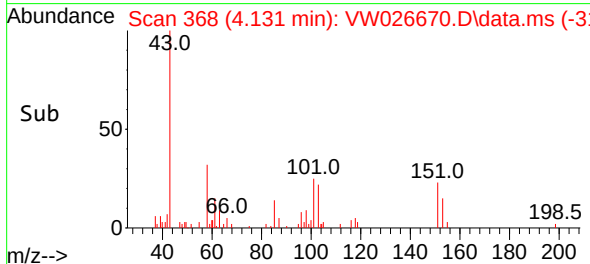
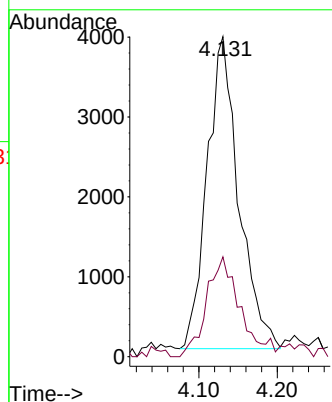
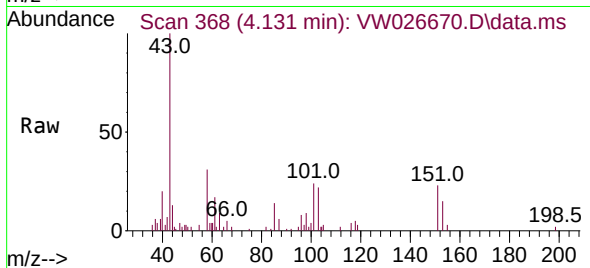
VSTD2.5420

Tgt Ion: 43 Resp: 10979

Ion Ratio Lower Upper

43 100

58 32.7 0.0 57.4



#14

Carbon disulfide

Concen: 2.462 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW026670.D

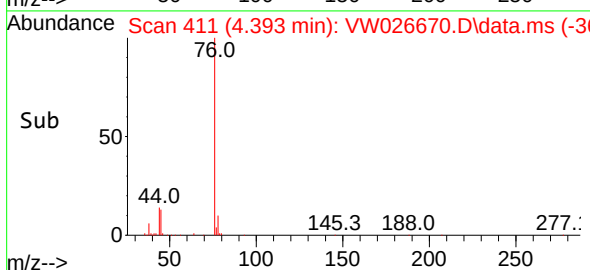
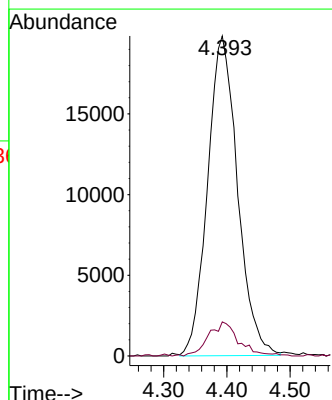
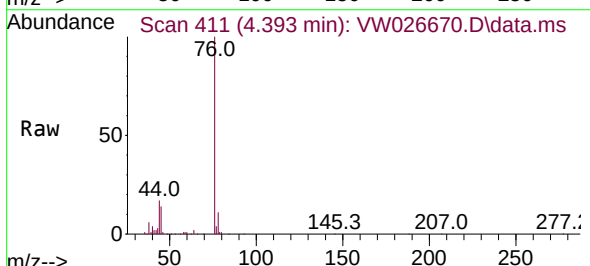
Acq: 10 Aug 2023 10:20

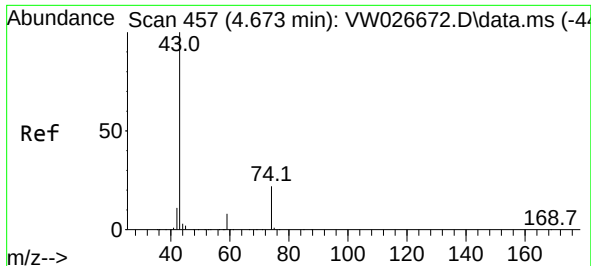
Tgt Ion: 76 Resp: 65160

Ion Ratio Lower Upper

76 100

78 10.6 7.1 10.7

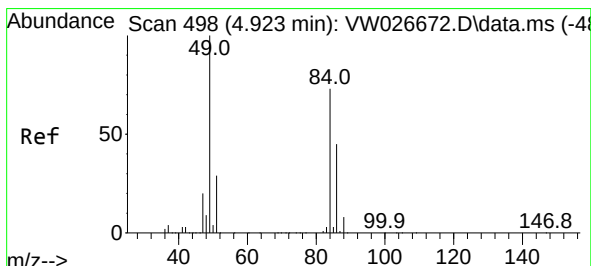
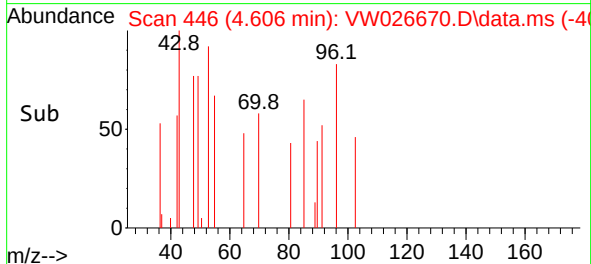
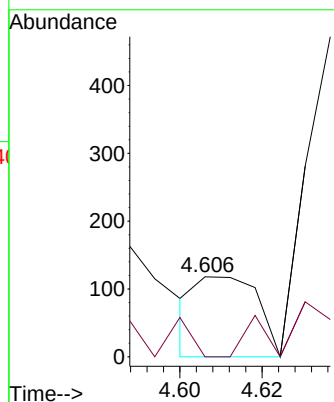
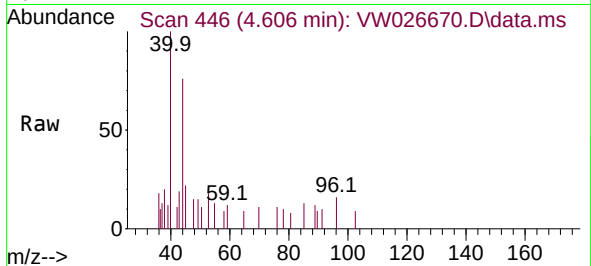




#15
Methyl Acetate
Concen: 0.026 ug/L
RT: 4.606 min Scan# 446
Delta R.T. -0.067 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

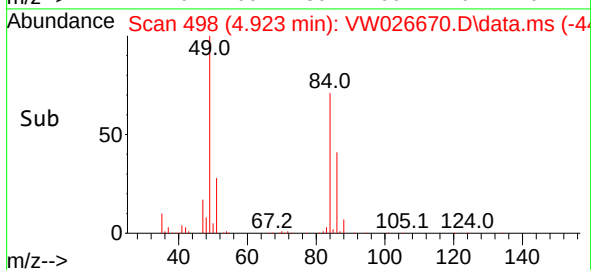
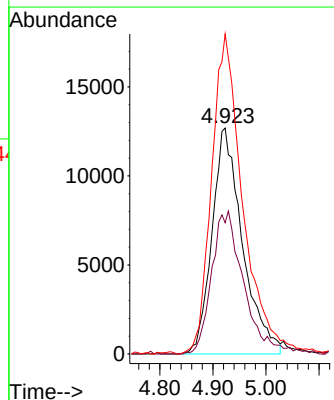
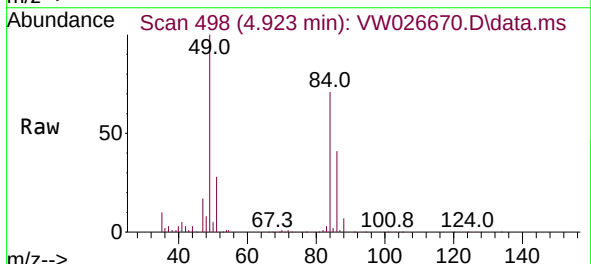
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

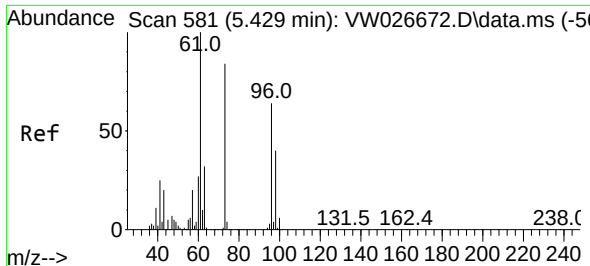
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
74 17.1 16.4 24.6



#16
Methylene chloride
Concen: 5.256 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 84 Resp: 50594
Ion Ratio Lower Upper
84 100
86 58.1 43.5 80.9
49 141.7 96.0 178.2

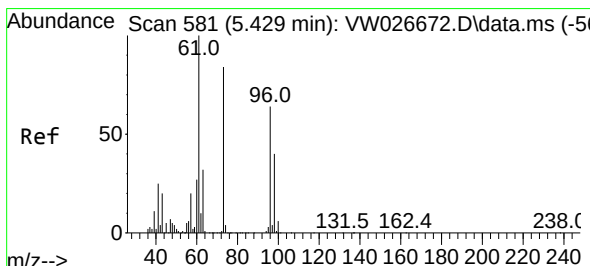
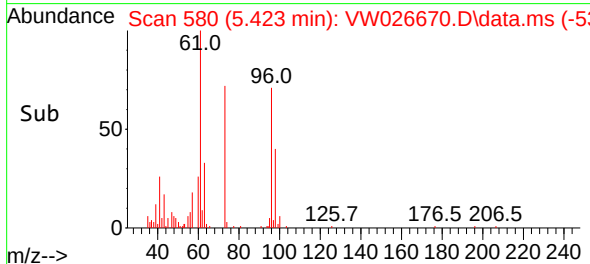
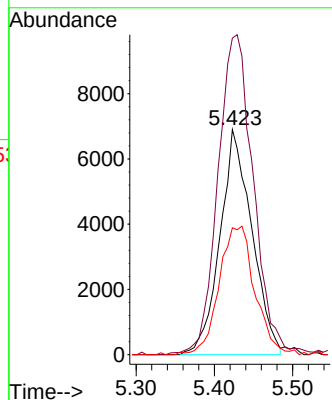
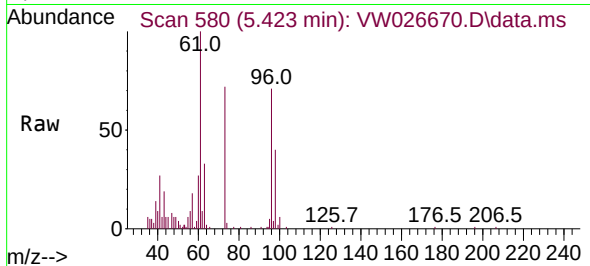




#17
trans-1,2-Dichloroethene
Concen: 2.382 ug/L
RT: 5.423 min Scan# 519
Delta R.T. -0.006 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

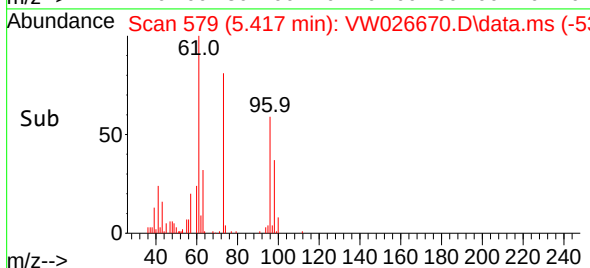
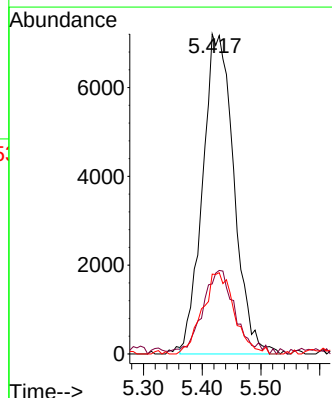
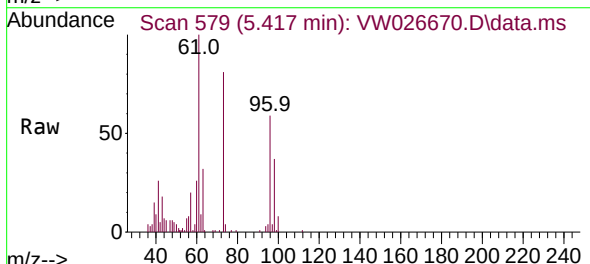
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

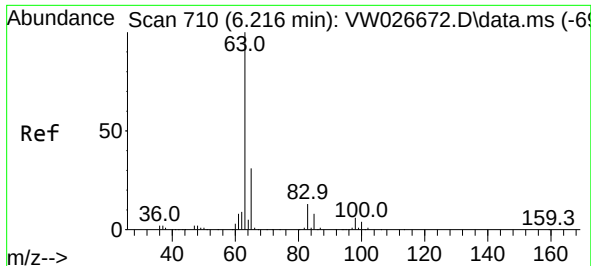
Tgt Ion: 96 Resp: 19555
Ion Ratio Lower Upper
96 100
61 140.6 109.4 203.2
98 56.4 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 2.150 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.012 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 73 Resp: 26707
Ion Ratio Lower Upper
73 100
43 24.5 18.0 27.0
57 25.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 2.473 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

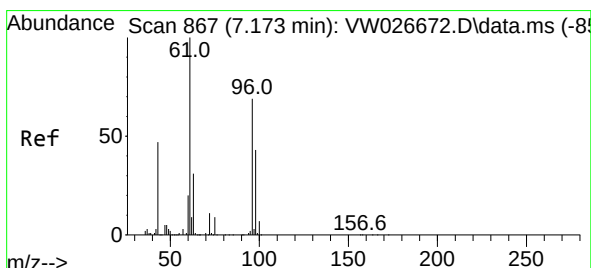
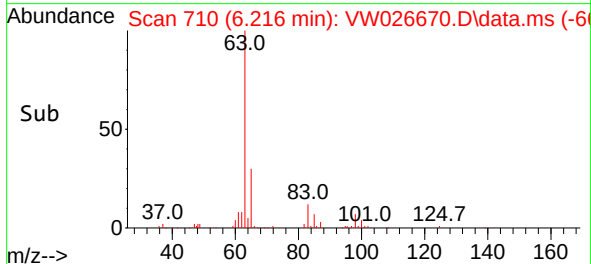
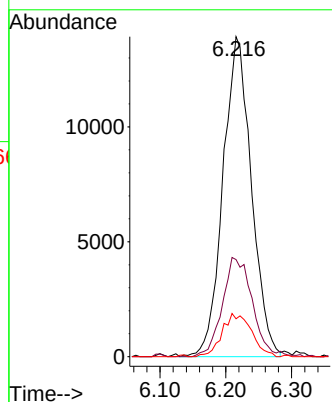
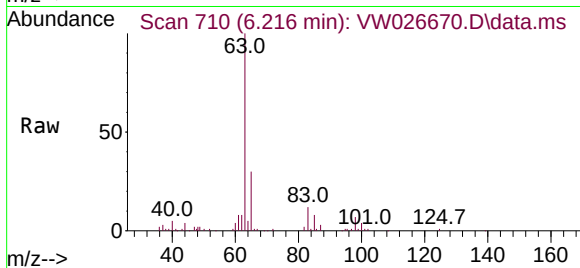
Tgt Ion: 63 Resp: 41784

Ion Ratio Lower Upper

63 100

65 30.3 21.8 40.6

83 11.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 2.244 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

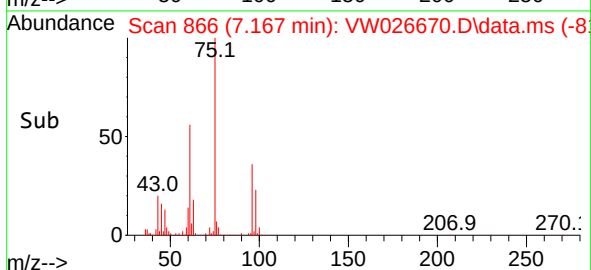
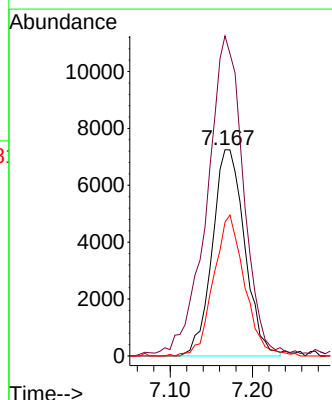
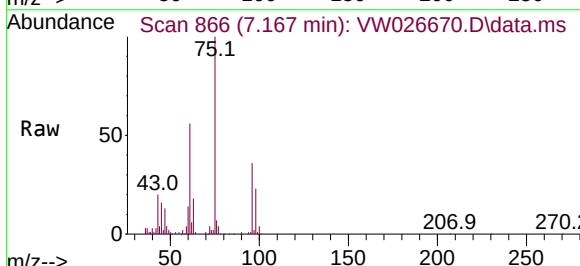
Tgt Ion: 96 Resp: 19798

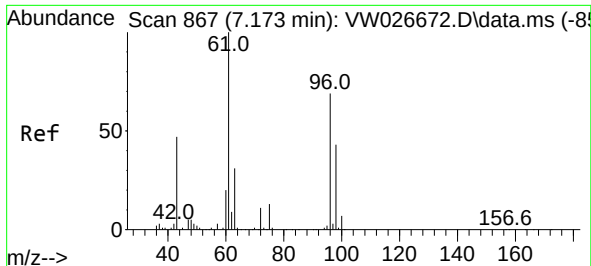
Ion Ratio Lower Upper

96 100

61 155.1 101.2 188.0

98 64.9 43.8 81.3

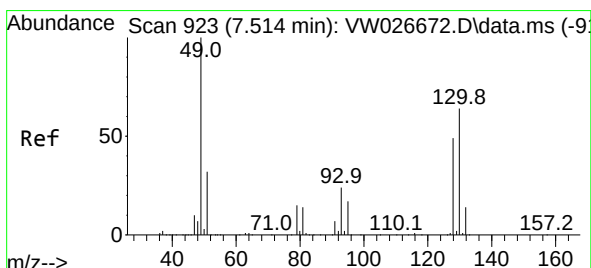
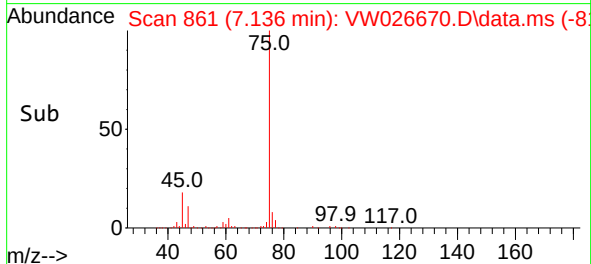
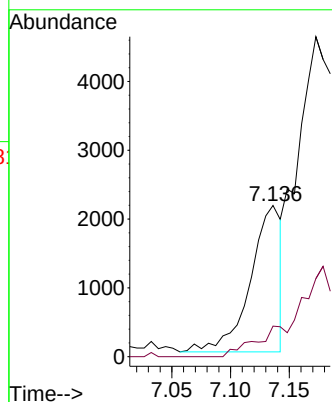
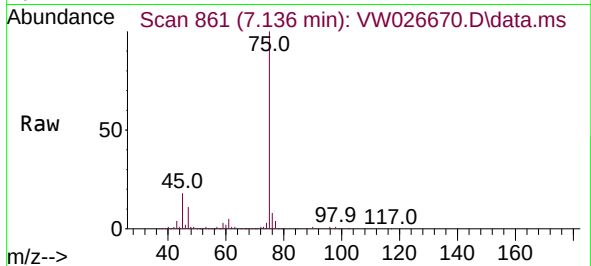




#22
2-Butanone
Concen: 1.137 ug/L
RT: 7.136 min Scan# 861
Delta R.T. -0.037 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

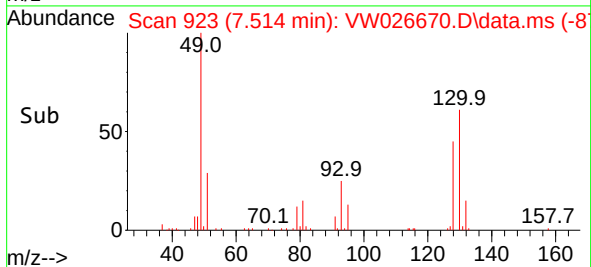
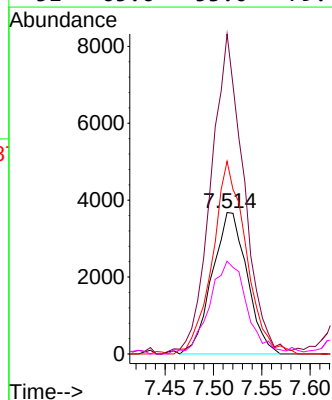
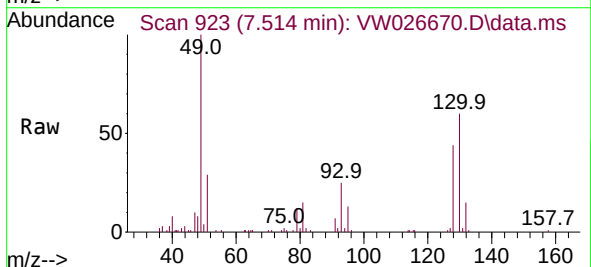
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

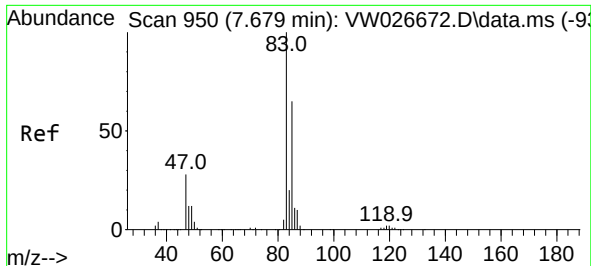
Tgt Ion: 43 Resp: 3916
Ion Ratio Lower Upper
43 100
72 13.5 11.8 35.4



#23
Bromochloromethane
Concen: 2.415 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 128 Resp: 9203
Ion Ratio Lower Upper
128 100
49 226.2 143.1 265.7
130 136.2 91.8 170.4
51 65.6 53.0 79.4

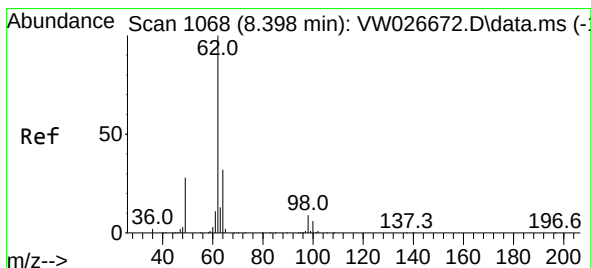
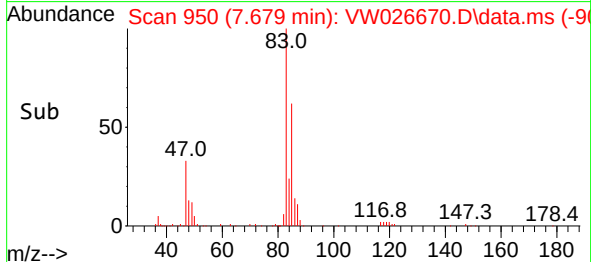
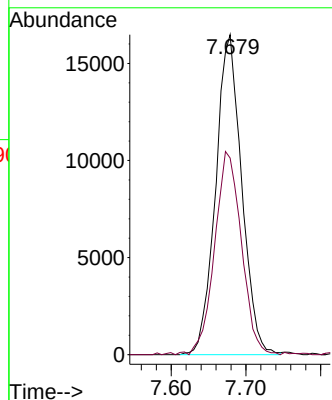
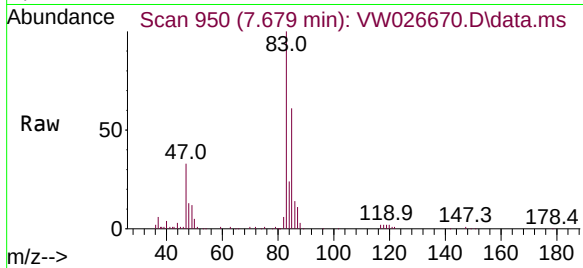




#25
Chloroform
Concen: 2.445 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

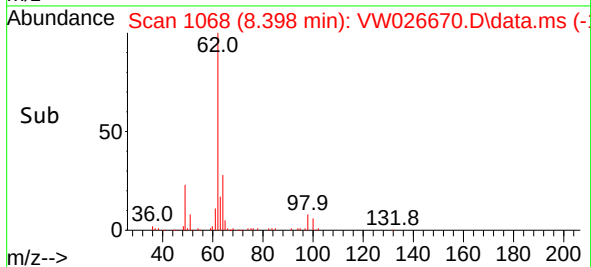
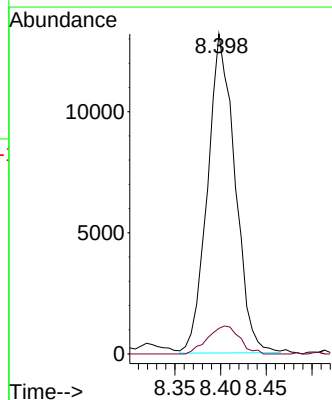
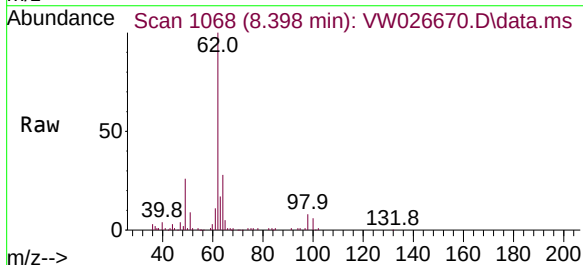
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

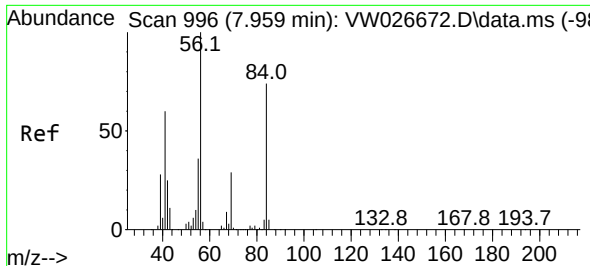
Tgt Ion: 83 Resp: 39907
Ion Ratio Lower Upper
83 100
85 61.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 2.421 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 62 Resp: 27560
Ion Ratio Lower Upper
62 100
98 8.0 7.1 10.7

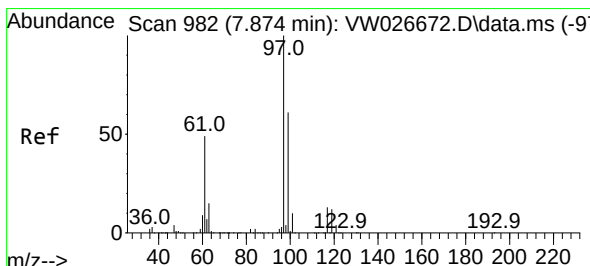
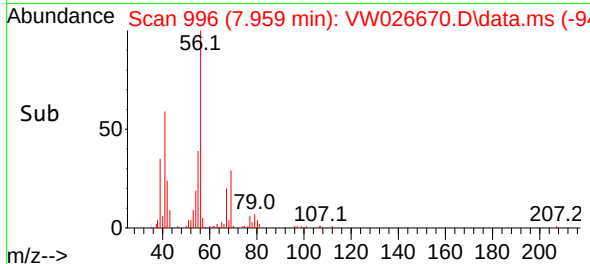
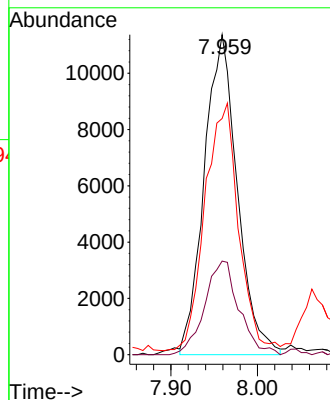
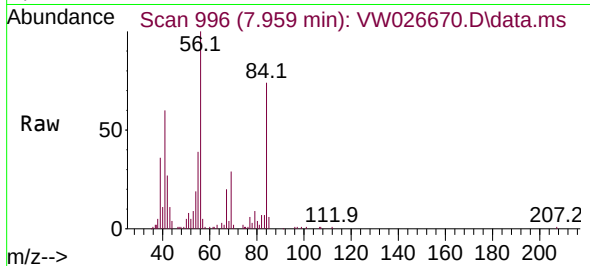




#29
Cyclohexane
Concen: 2.005 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

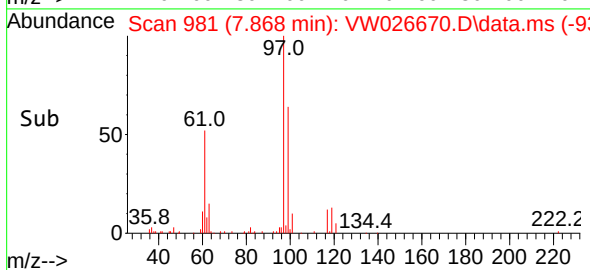
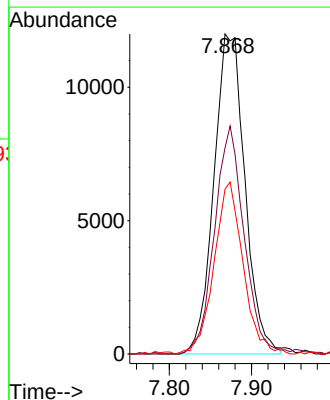
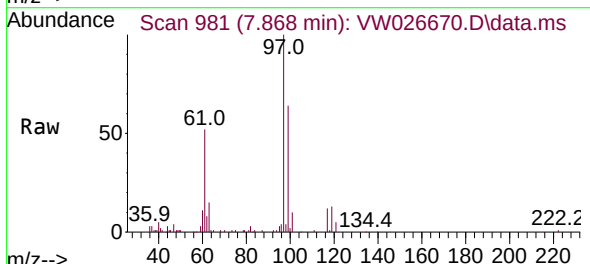
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

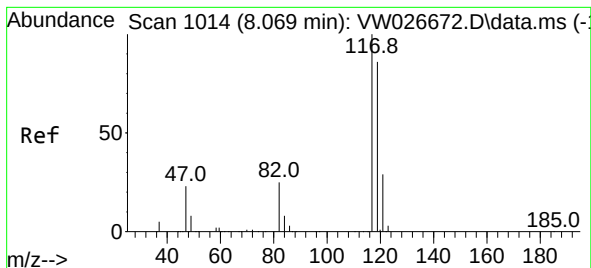
Tgt Ion:	56	Resp:	30166
Ion Ratio	Lower	Upper	
56	100		
69	29.8	23.2	34.8
84	80.2	62.7	94.1



#30
1,1,1-Trichloroethane
Concen: 2.480 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion:	97	Resp:	31484
Ion Ratio	Lower	Upper	
97	100		
99	67.9	51.2	76.8
61	50.1	39.2	58.8





#31

Carbon tetrachloride

Concen: 2.572 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

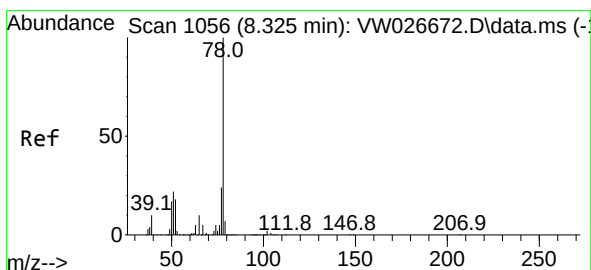
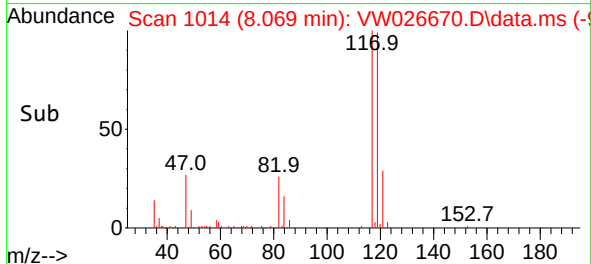
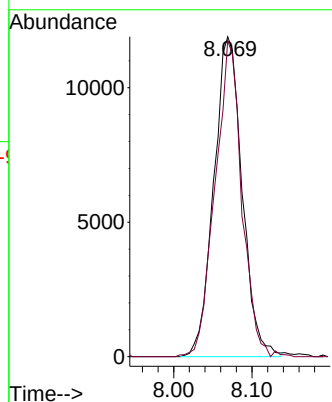
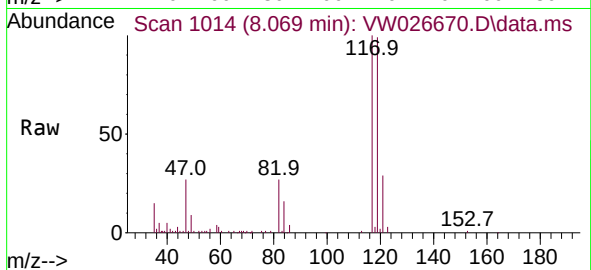
VSTD2.5420

Tgt Ion:117 Resp: 29864

Ion Ratio Lower Upper

117 100

119 92.5 73.0 109.4



#33

Benzene

Concen: 2.359 ug/L

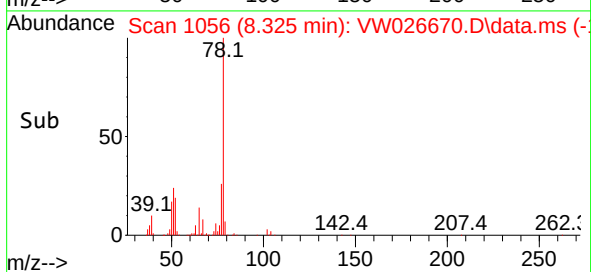
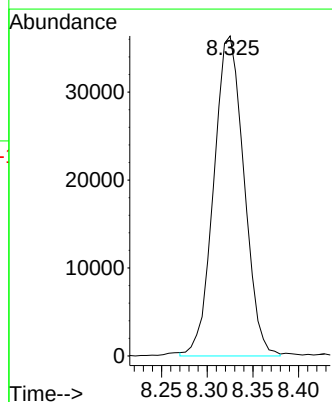
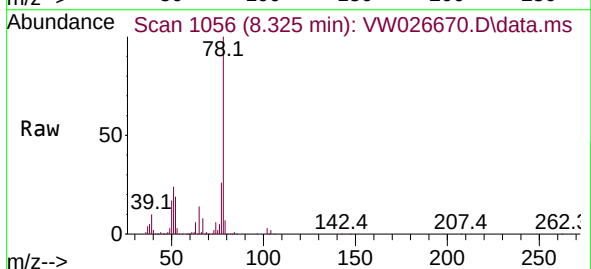
RT: 8.325 min Scan# 1056

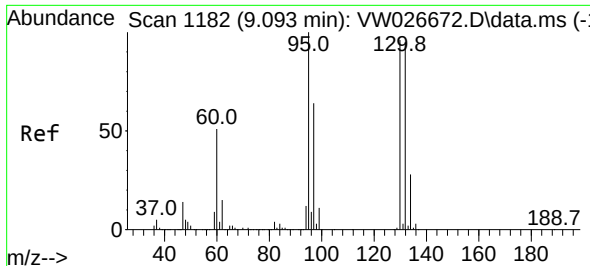
Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Tgt Ion: 78 Resp: 83561





#34

Trichloroethene

Concen: 2.473 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

Tgt Ion: 95 Resp: 22317

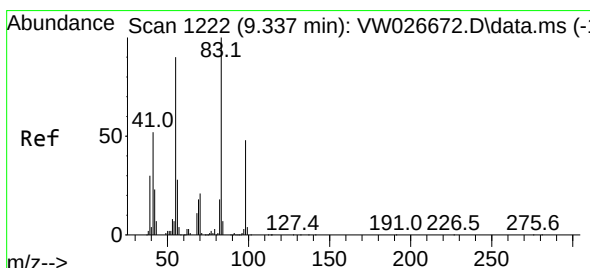
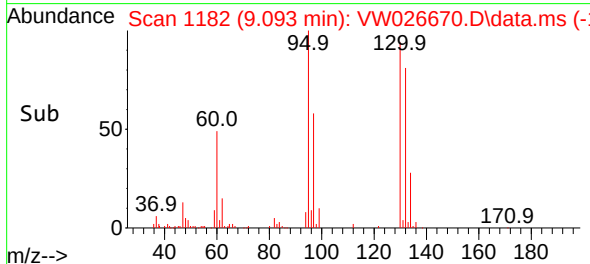
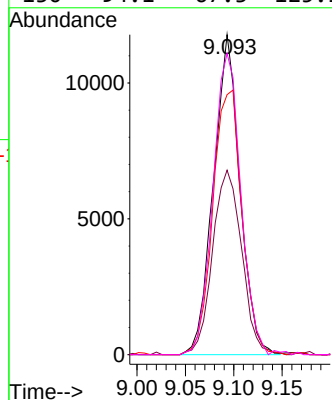
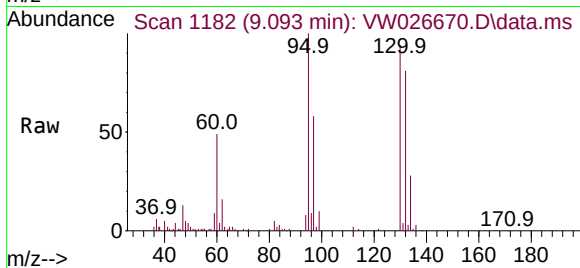
Ion Ratio Lower Upper

95 100

97 57.7 44.6 82.8

132 81.3 66.4 123.2

130 94.1 67.3 125.1



#35

Methylcyclohexane

Concen: 2.089 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

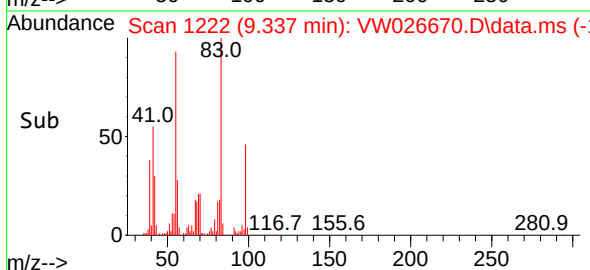
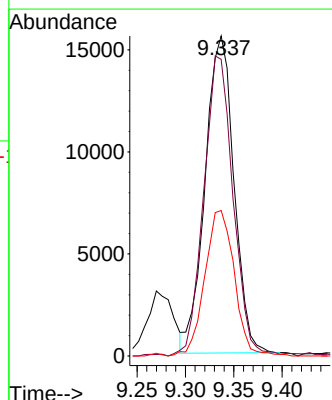
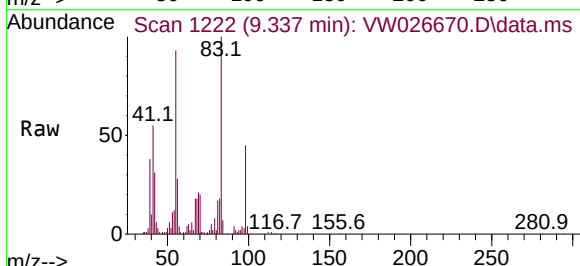
Tgt Ion: 83 Resp: 32246

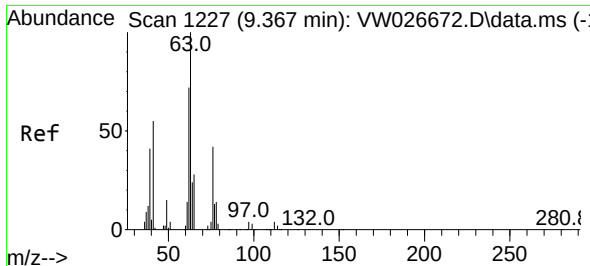
Ion Ratio Lower Upper

83 100

55 95.9 69.3 103.9

98 46.9 37.4 56.0





#37

1,2-Dichloropropane

Concen: 2.423 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

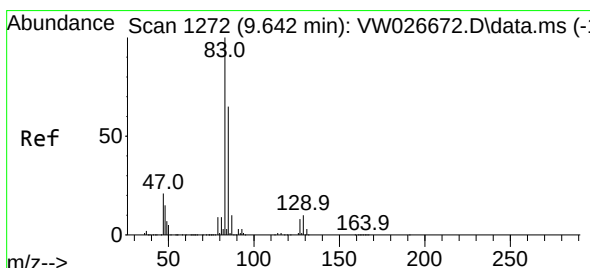
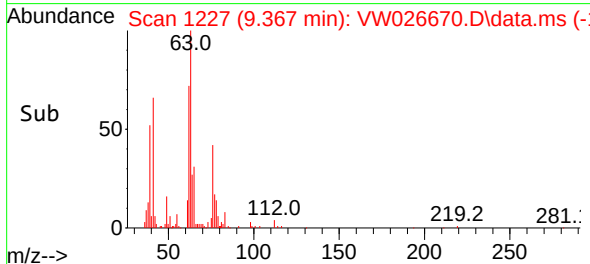
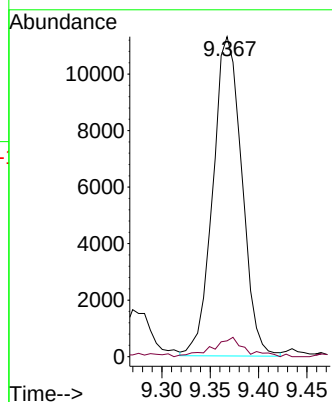
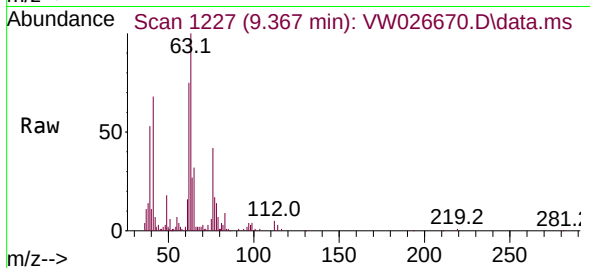
VSTD2.5420

Tgt Ion: 63 Resp: 23511

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 2.333 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

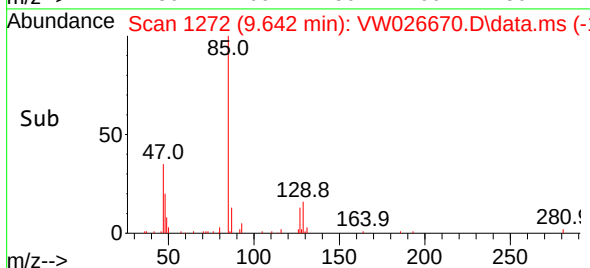
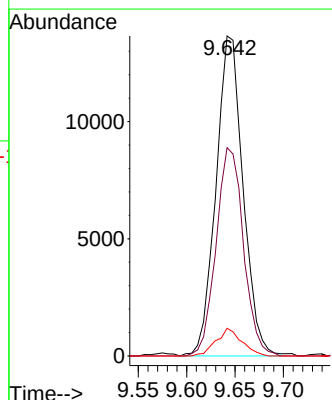
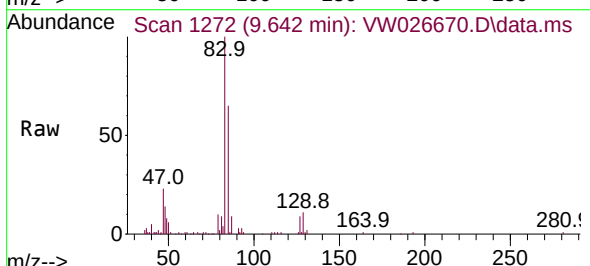
Tgt Ion: 83 Resp: 26562

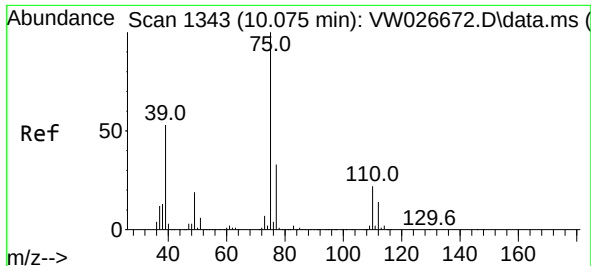
Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

127 8.6 6.2 9.2

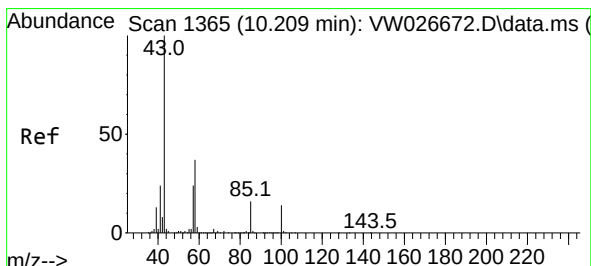
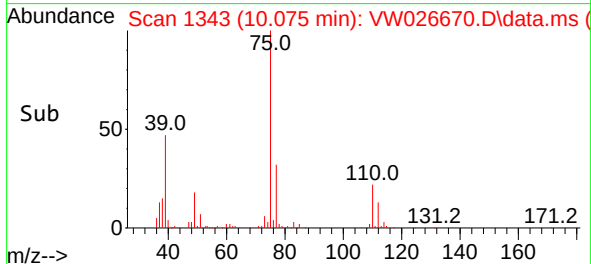
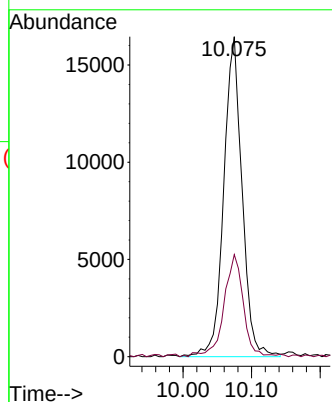
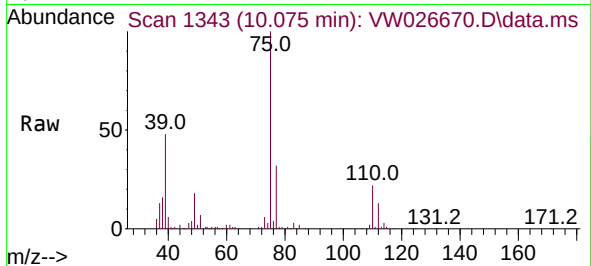




#39
cis-1,3-Dichloropropene
Concen: 2.183 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

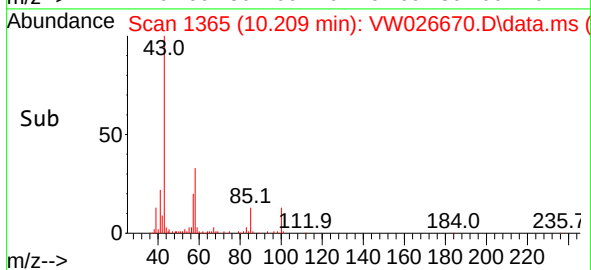
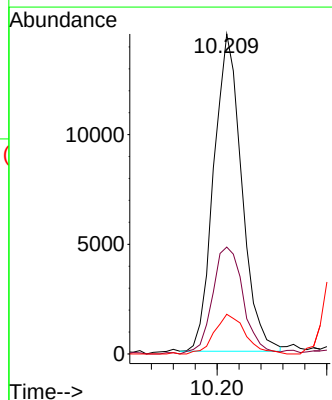
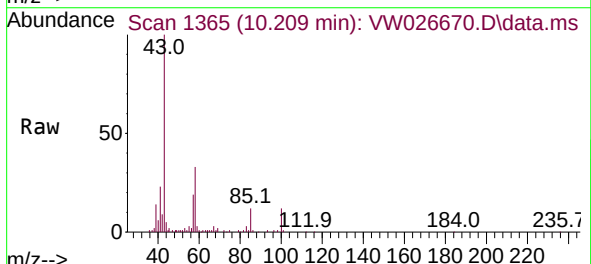
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

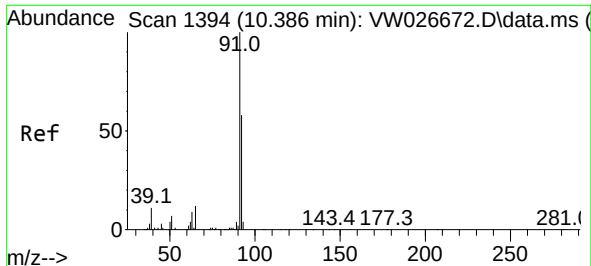
Tgt Ion: 75 Resp: 30476
Ion Ratio Lower Upper
75 100
77 31.9 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 4.064 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 43 Resp: 25656
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8
100 13.7 10.7 16.1

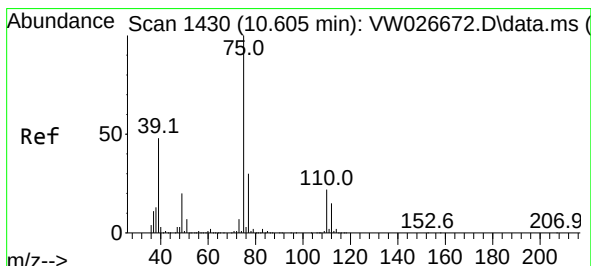
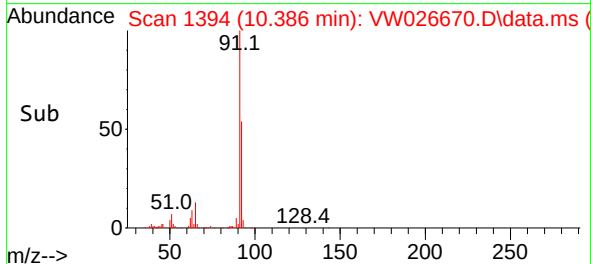
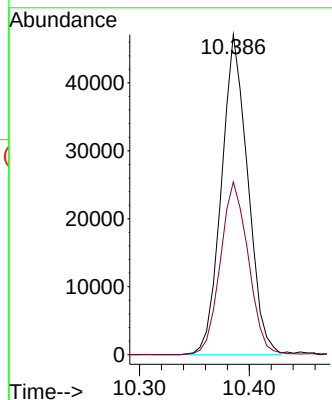
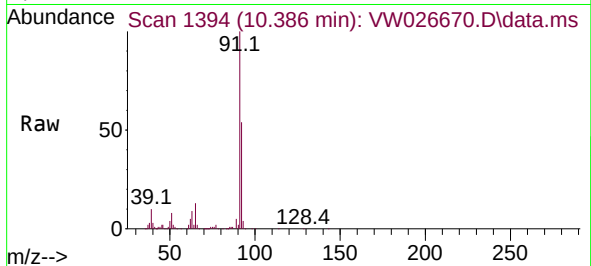




#42
Toluene
Concen: 2.192 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

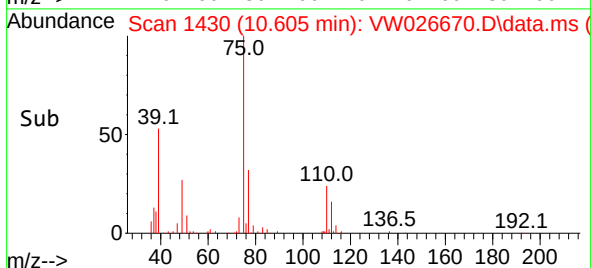
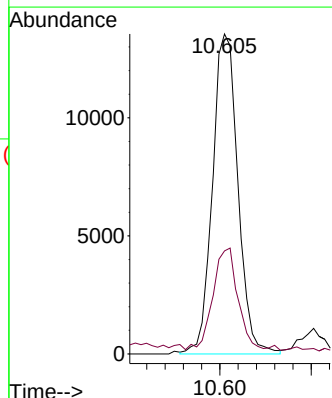
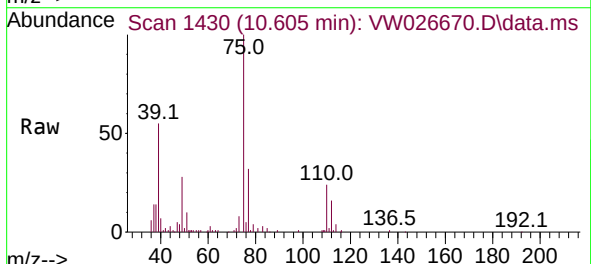
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

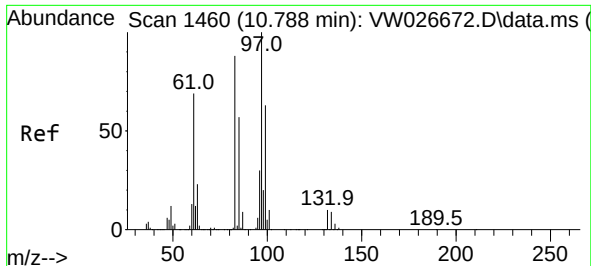
Tgt Ion: 91 Resp: 78562
Ion Ratio Lower Upper
91 100
92 54.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 2.177 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 75 Resp: 26157
Ion Ratio Lower Upper
75 100
77 32.2 21.2 39.4

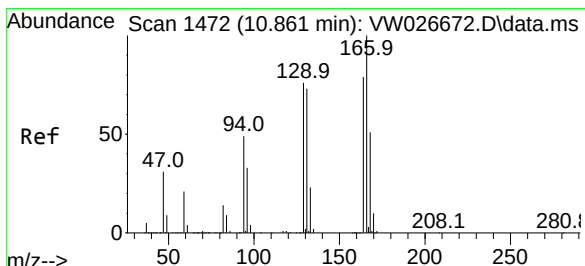
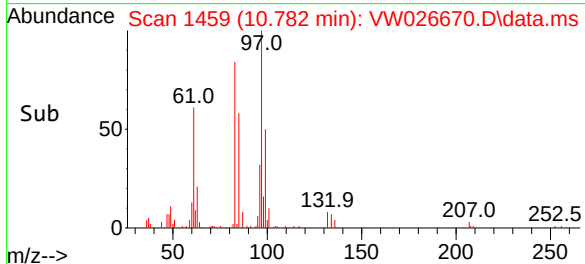
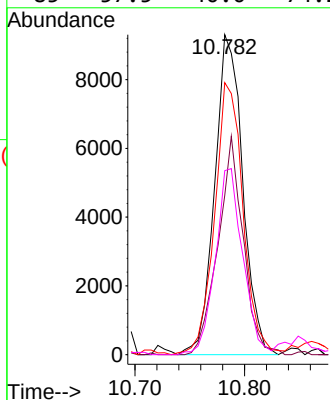
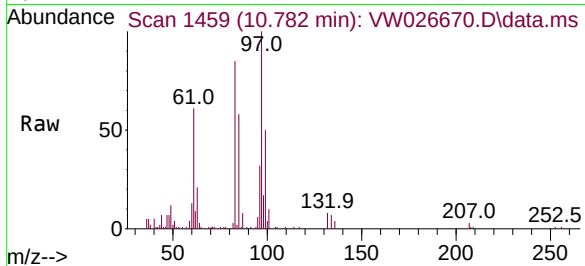




#45
1,1,2-Trichloroethane
Concen: 2.489 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

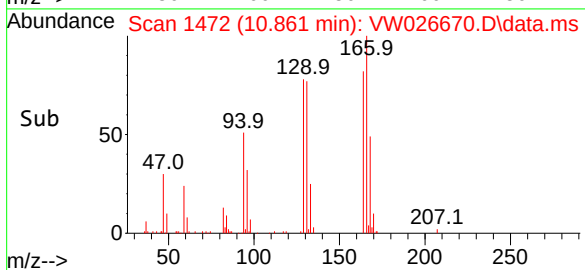
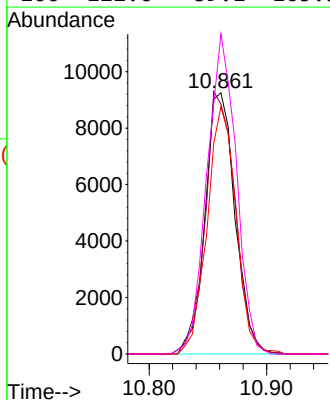
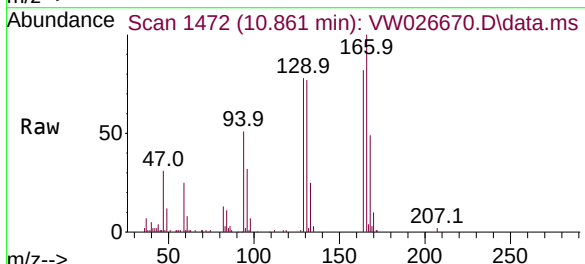
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

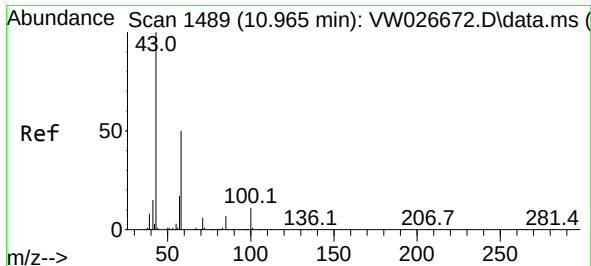
Tgt Ion:	97	Resp:	16521
Ion	Ratio	Lower	Upper
97	100		
99	49.8	44.2	82.0
83	85.0	61.9	114.9
85	57.5	40.0	74.2



#46
Tetrachloroethene
Concen: 2.504 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion:	164	Resp:	16416
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.1	126.5
131	94.7	65.5	121.7
166	122.6	89.1	165.5

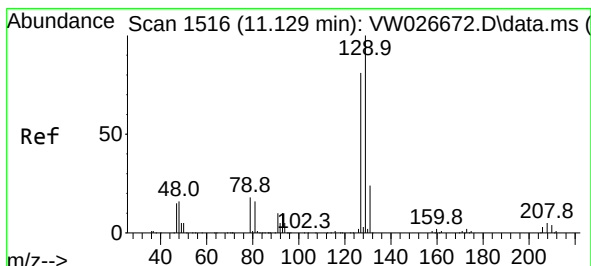
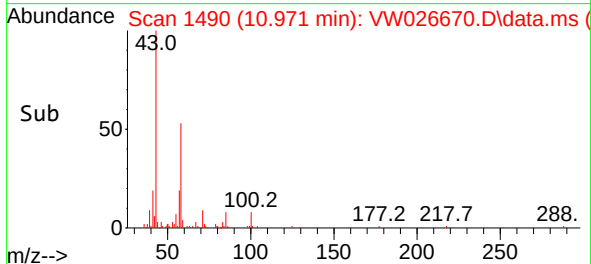
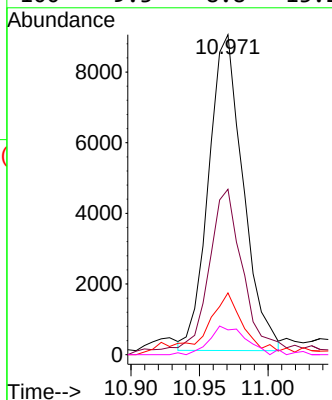
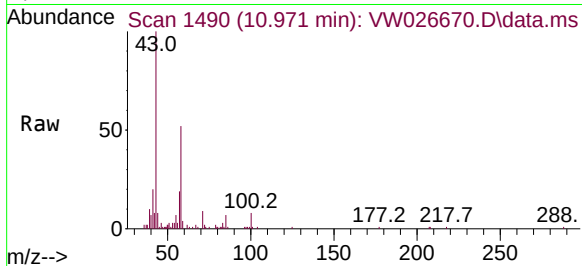




#48
2-Hexanone
Concen: 3.650 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

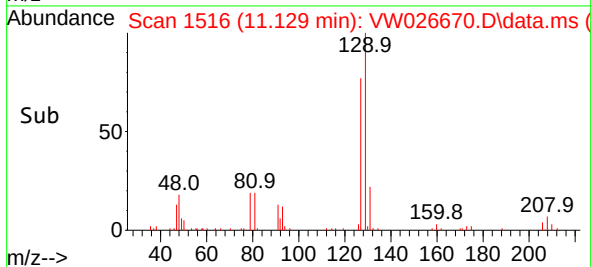
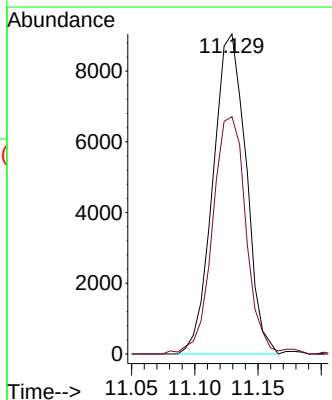
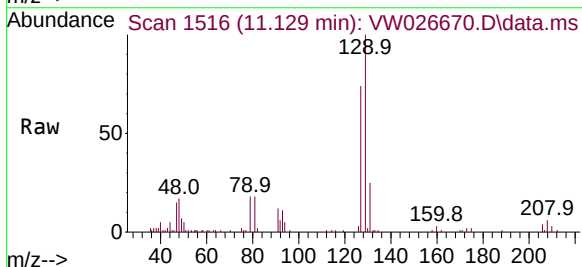
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

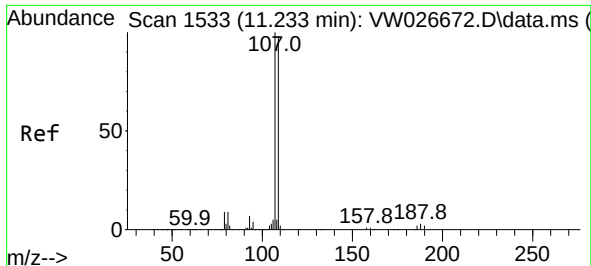
Tgt Ion: 43	Resp: 15677
Ion Ratio	Lower Upper
43 100	
58 55.4	41.1 61.7
57 18.5	14.3 21.5
100 9.3	8.8 13.2



#49
Dibromochloromethane
Concen: 2.370 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion:129	Resp:	16452	
Ion	Ratio	Lower	Upper
129	100		
127	74.1	56.6	105.2





#50

1,2-Dibromoethane

Concen: 2.327 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

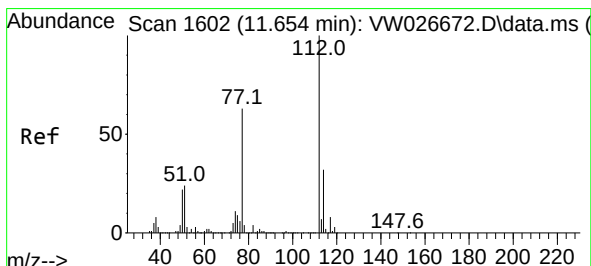
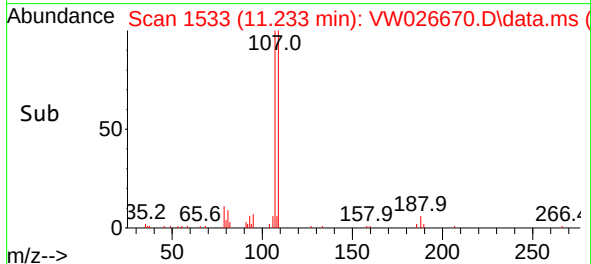
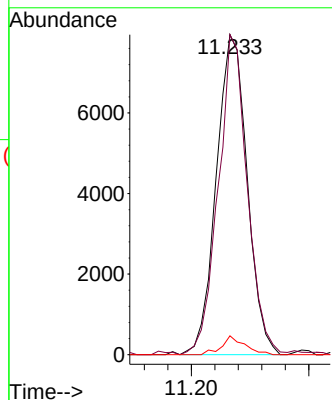
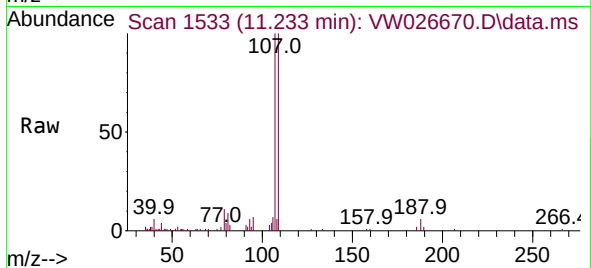
Tgt Ion:107 Resp: 14490

Ion Ratio Lower Upper

107 100

109 100.0 68.8 127.8

188 5.9 2.7 4.1#



#51

Chlorobenzene

Concen: 2.482 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

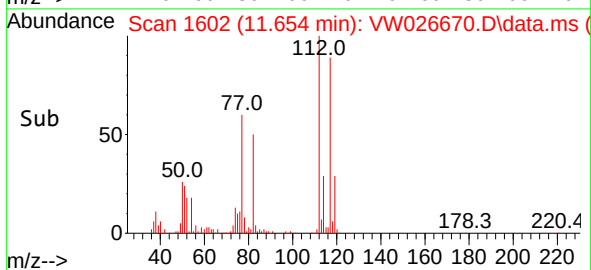
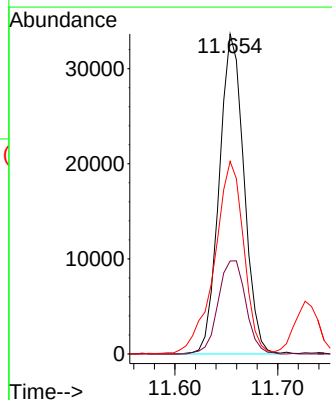
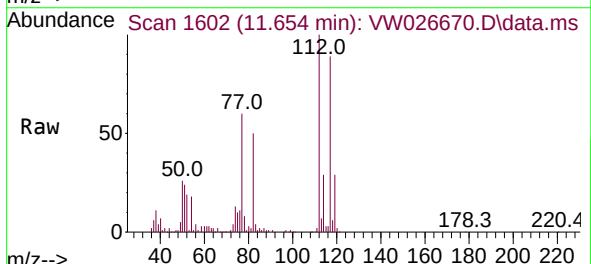
Tgt Ion:112 Resp: 56179

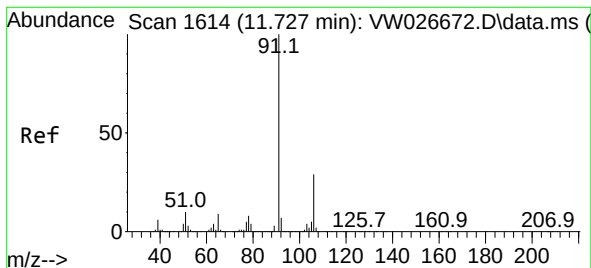
Ion Ratio Lower Upper

112 100

114 29.1 22.4 41.6

77 60.2 50.2 75.2

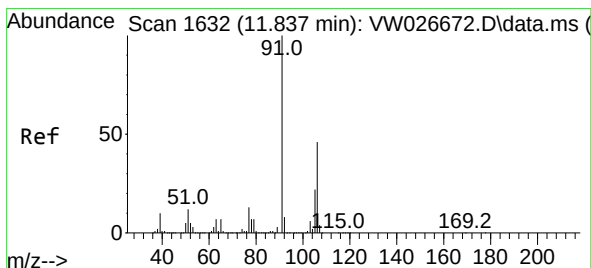
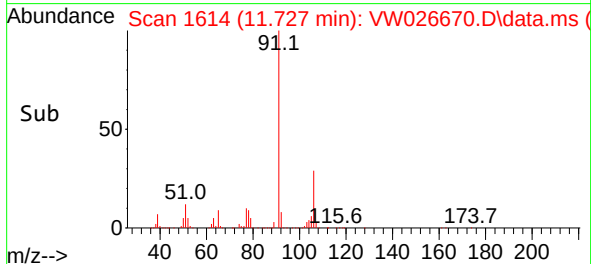
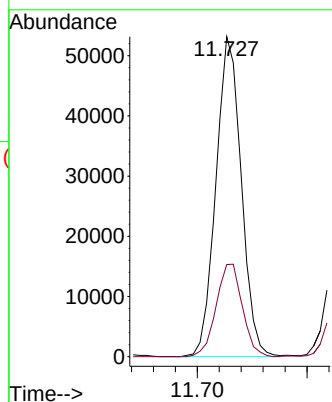
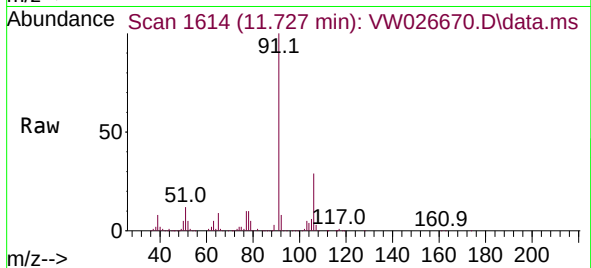




#52
Ethylbenzene
Concen: 2.127 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

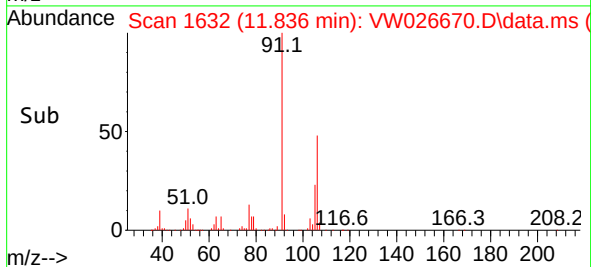
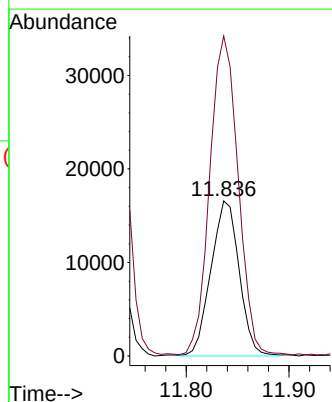
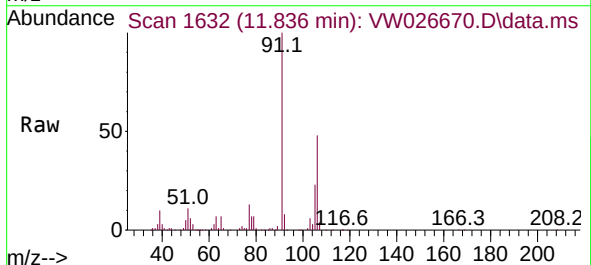
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

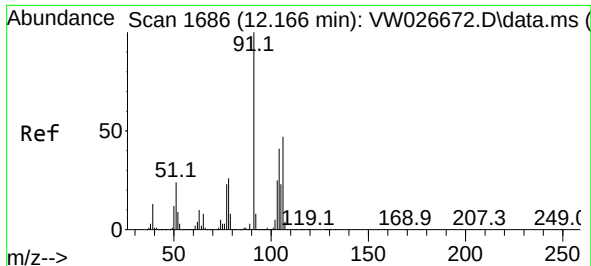
Tgt Ion: 91 Resp: 85480
Ion Ratio Lower Upper
91 100
106 28.8 20.2 37.6



#53
m,p-Xylene
Concen: 2.123 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion: 106 Resp: 31613
Ion Ratio Lower Upper
106 100
91 206.4 152.9 284.1

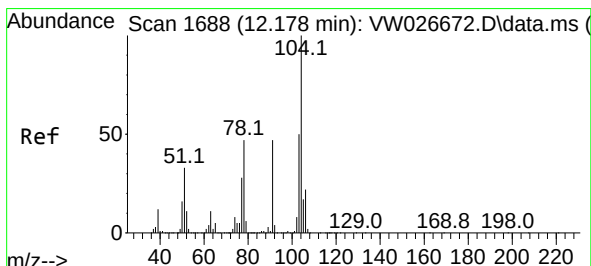
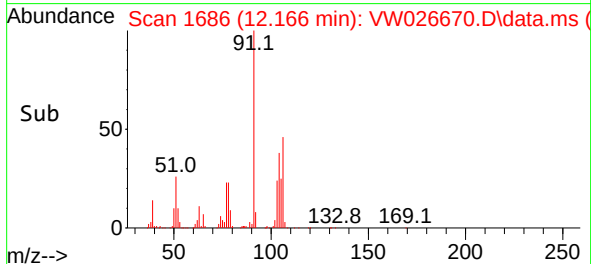
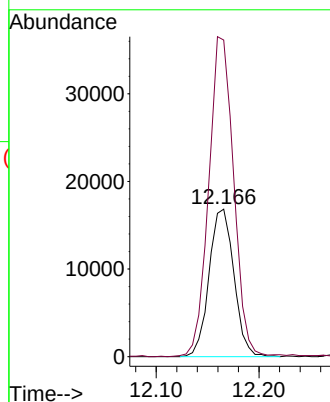
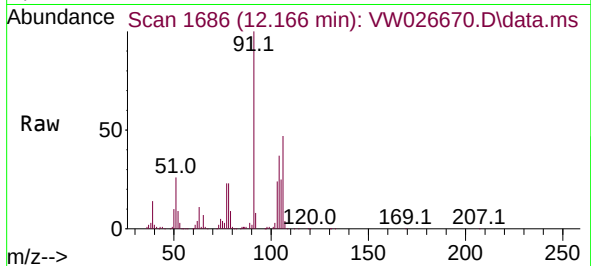




#54
o-Xylene
Concen: 2.034 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

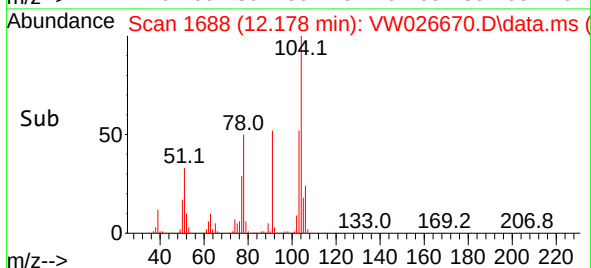
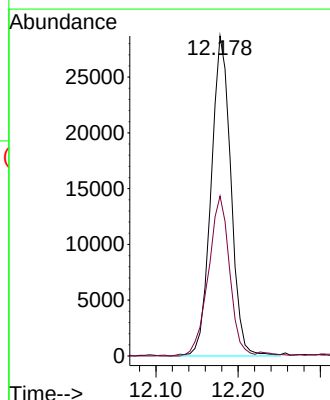
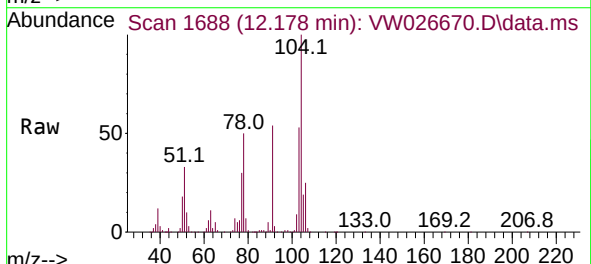
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

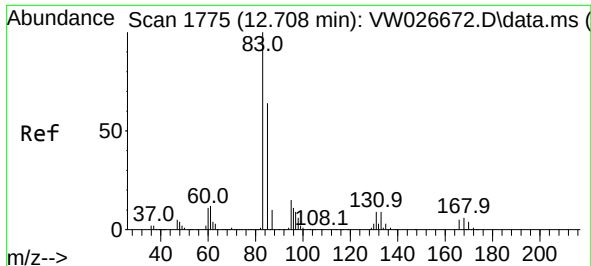
Tgt Ion:106 Resp: 28267
Ion Ratio Lower Upper
106 100
91 214.7 149.9 278.3



#55
Styrene
Concen: 1.986 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion:104 Resp: 47982
Ion Ratio Lower Upper
104 100
78 50.0 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 2.432 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

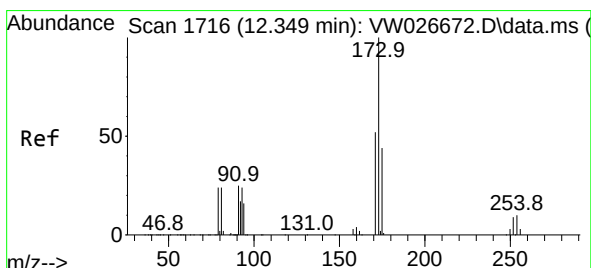
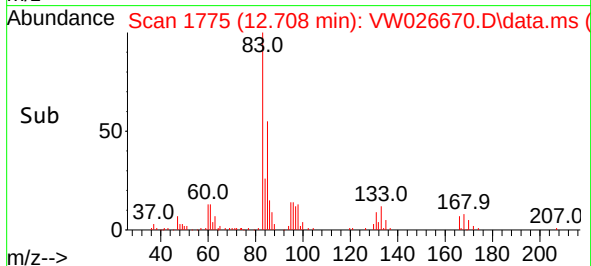
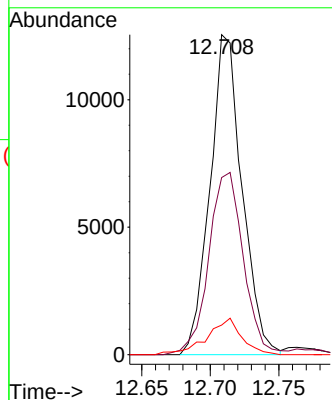
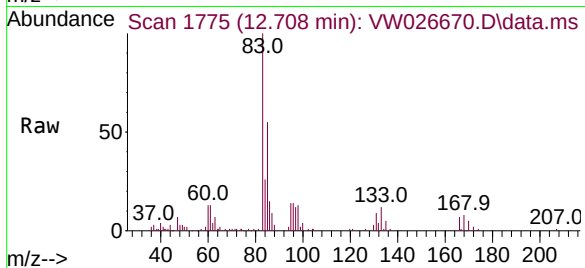
Tgt Ion: 83 Resp: 20445

Ion Ratio Lower Upper

83 100

85 55.4 44.9 83.3

131 9.3 7.4 11.0



#59

Bromoform

Concen: 2.491 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

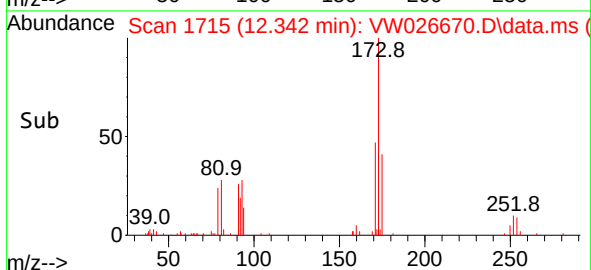
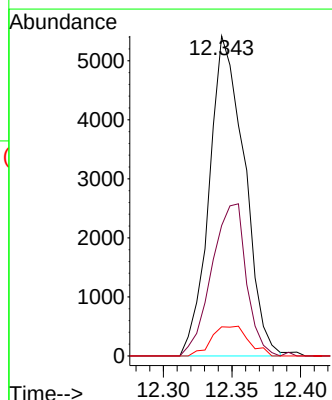
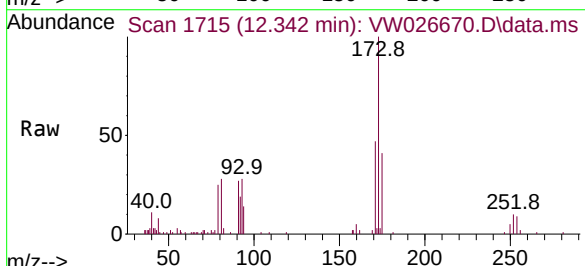
Tgt Ion:173 Resp: 9659

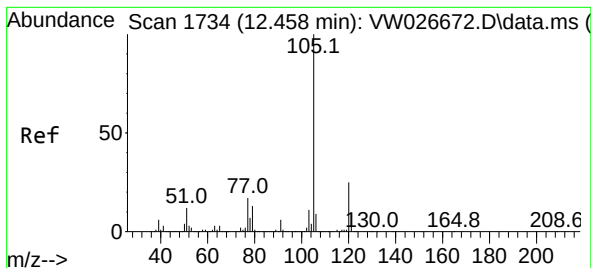
Ion Ratio Lower Upper

173 100

175 46.8 36.6 55.0

254 9.8 7.8 11.6

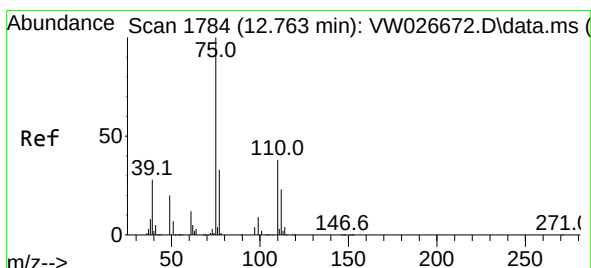
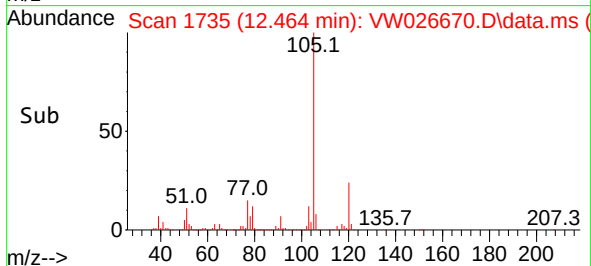
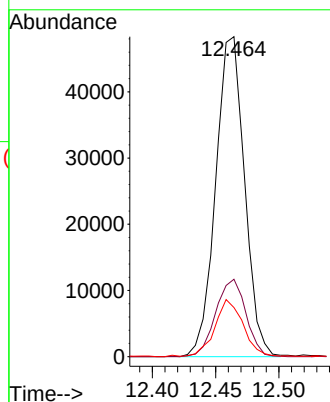
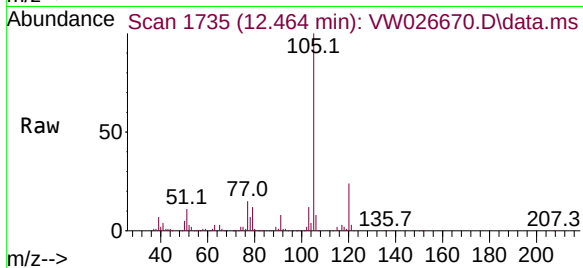




#60
Isopropylbenzene
Concen: 2.084 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

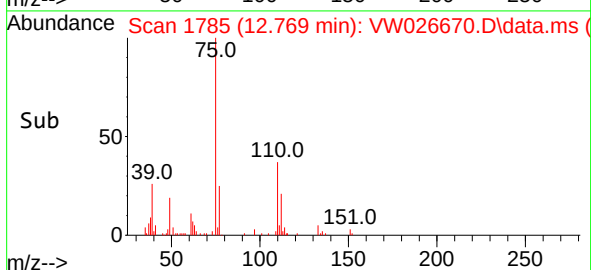
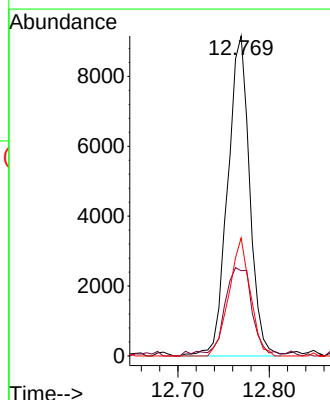
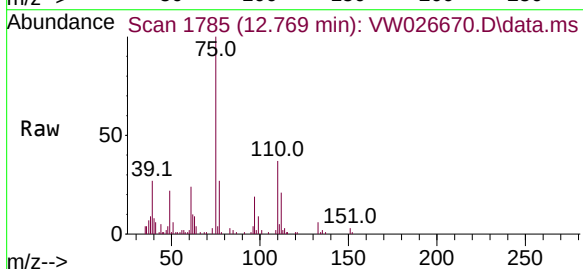
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5420

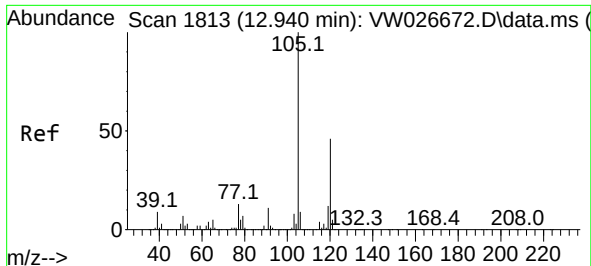
Tgt Ion:	105	Resp:	76687
Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.0	31.6
77	17.4	13.4	20.2



#61
1,2,3-Trichloropropane
Concen: 2.546 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026670.D
Acq: 10 Aug 2023 10:20

Tgt Ion:	75	Resp:	15287
Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.1	39.1
110	35.7	29.9	44.9





#62

1,3,5-Trimethylbenzene

Concen: 1.940 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

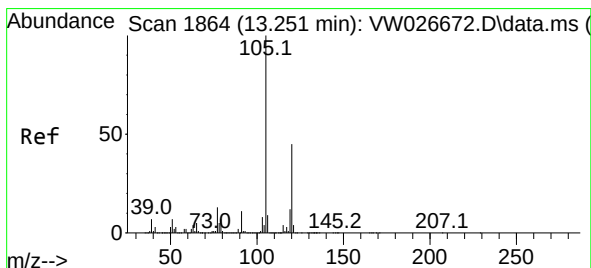
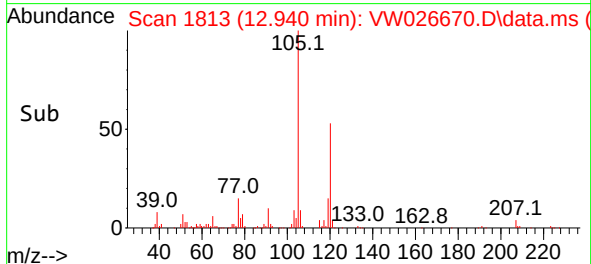
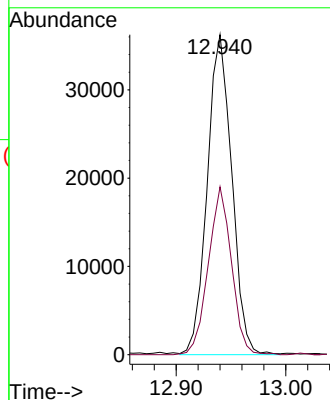
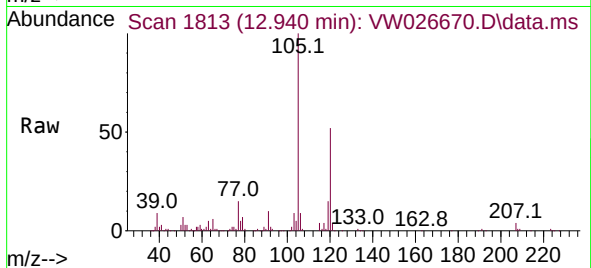
VSTD2.5420

Tgt Ion:105 Resp: 56417

Ion Ratio Lower Upper

105 100

120 49.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 1.888 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VW026670.D

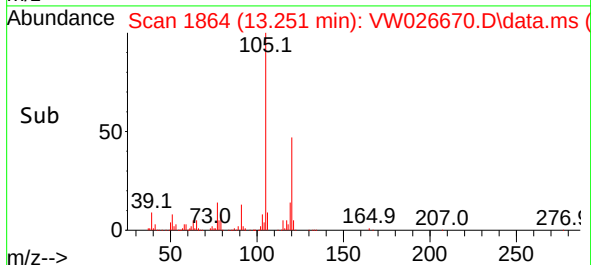
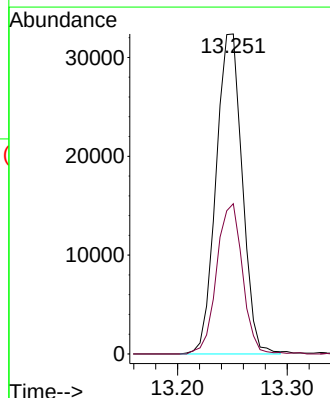
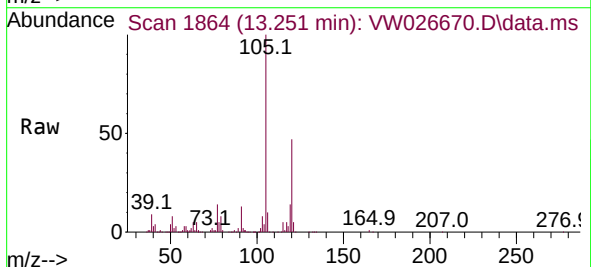
Acq: 10 Aug 2023 10:20

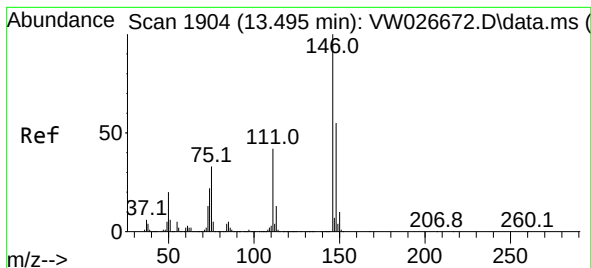
Tgt Ion:105 Resp: 53822

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 2.358 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

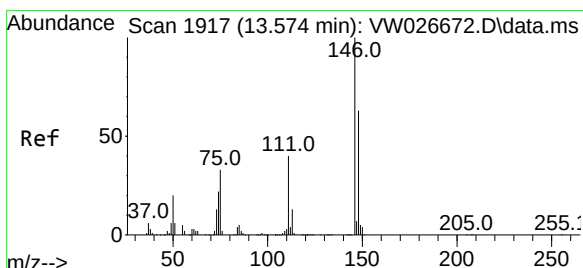
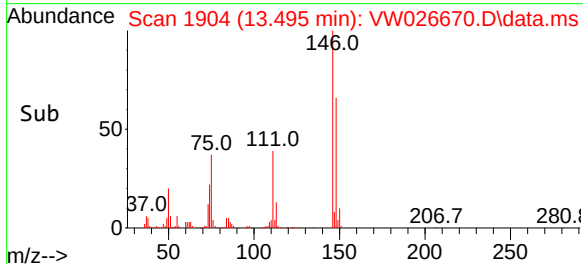
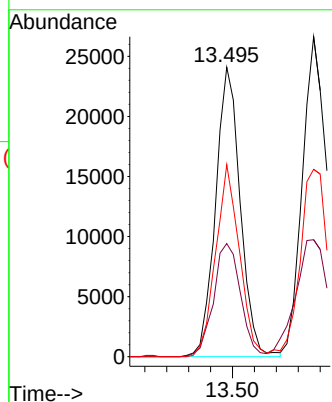
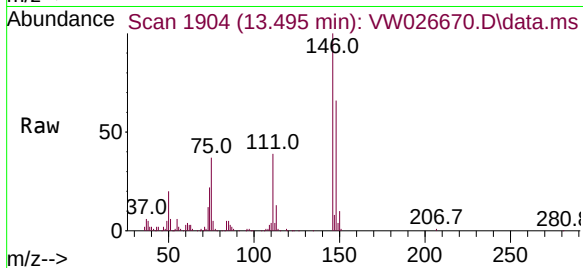
Tgt Ion:146 Resp: 37733

Ion Ratio Lower Upper

146 100

111 39.1 29.1 54.1

148 66.3 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 2.484 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

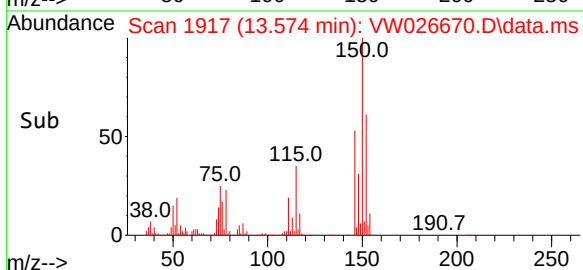
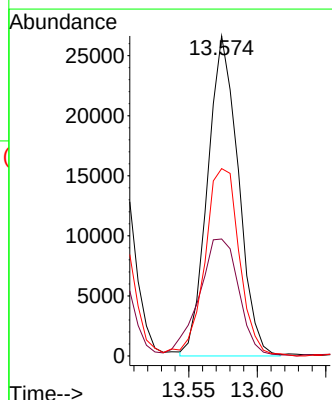
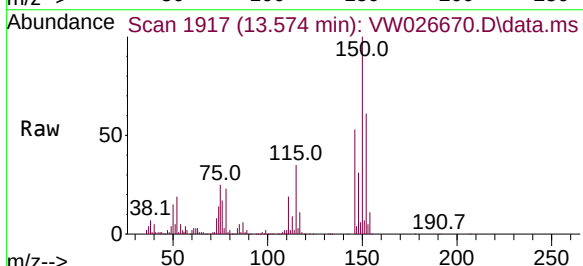
Tgt Ion:146 Resp: 41495

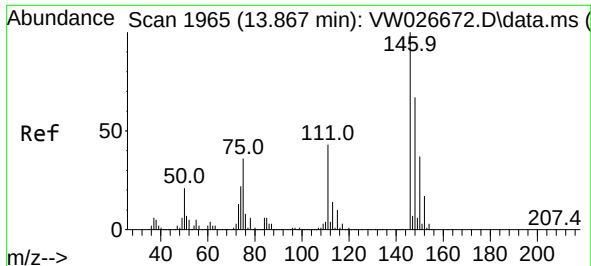
Ion Ratio Lower Upper

146 100

111 36.5 28.3 52.7

148 58.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 2.433 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

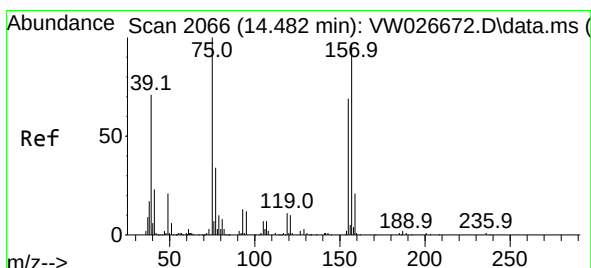
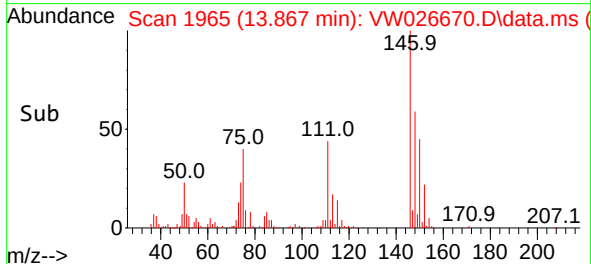
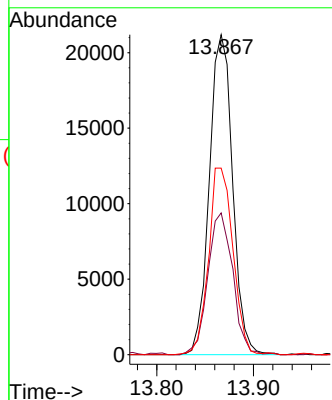
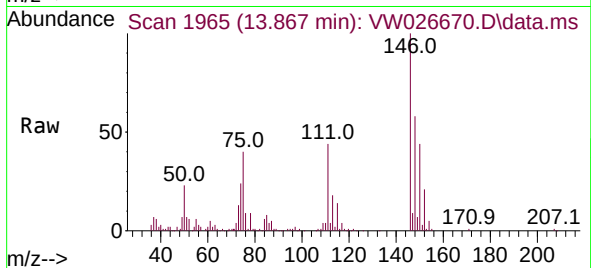
Tgt Ion:146 Resp: 35416

Ion Ratio Lower Upper

146 100

111 44.3 34.6 52.0

148 58.3 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.531 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

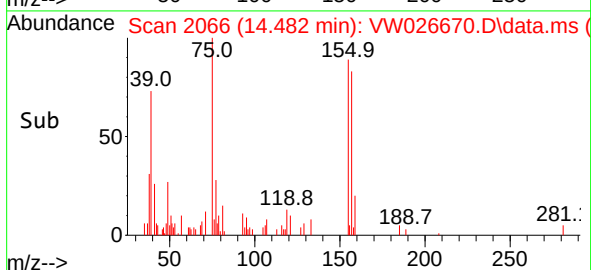
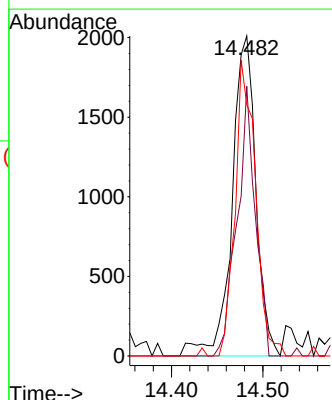
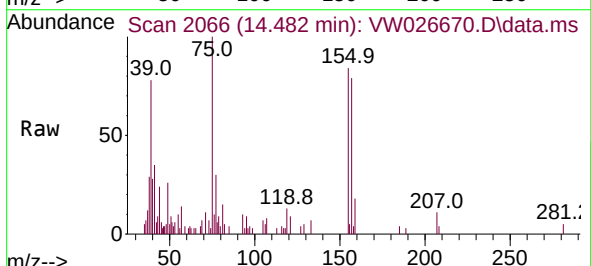
Tgt Ion: 75 Resp: 3635

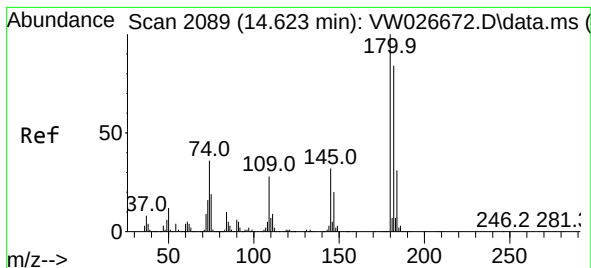
Ion Ratio Lower Upper

75 100

155 88.9 55.0 82.6#

157 78.6 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 2.307 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

Tgt Ion:180 Resp: 24940

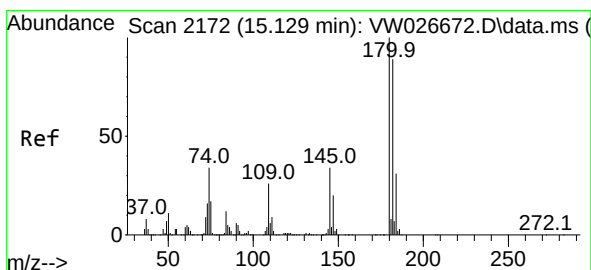
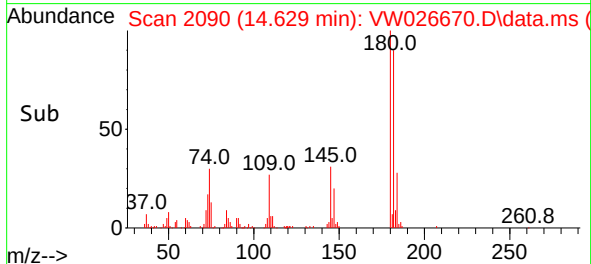
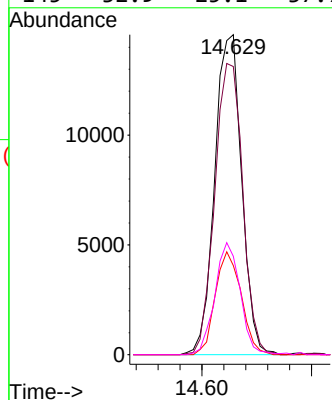
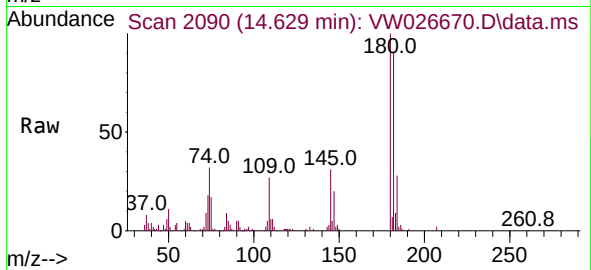
Ion Ratio Lower Upper

180 100

182 94.1 75.2 112.8

184 30.9 23.8 35.8

145 32.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 2.087 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

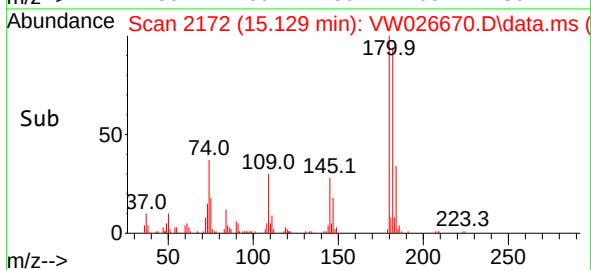
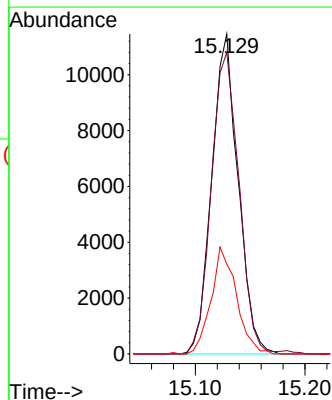
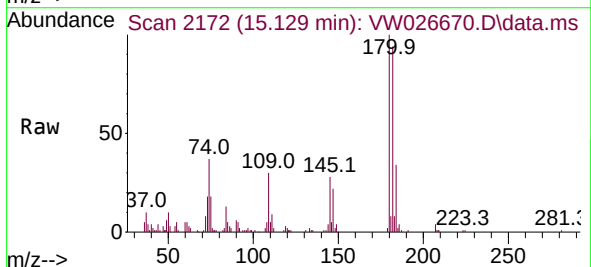
Tgt Ion:180 Resp: 19132

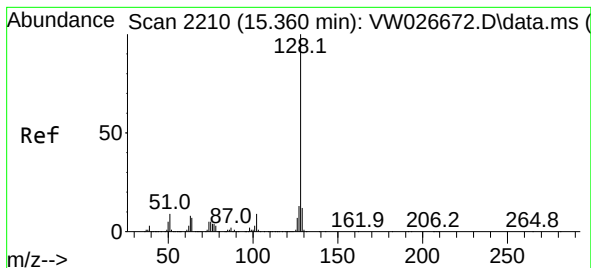
Ion Ratio Lower Upper

180 100

182 98.9 72.5 108.7

145 32.1 24.7 37.1





#71

Naphthalene

Concen: 1.807 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5420

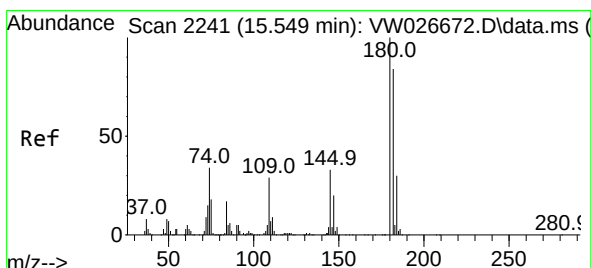
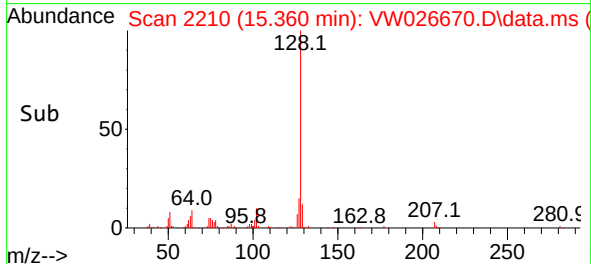
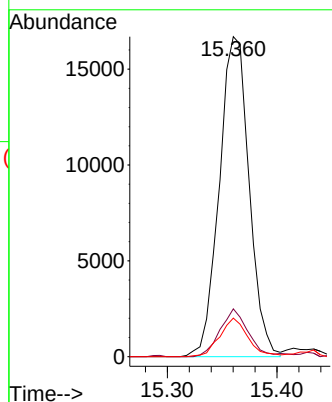
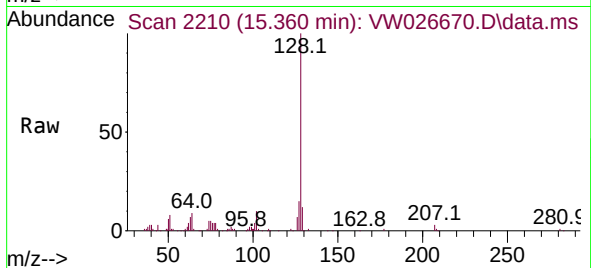
Tgt Ion:128 Resp: 31606

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.4 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 2.072 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026670.D

Acq: 10 Aug 2023 10:20

Tgt Ion:180 Resp: 17130

Ion Ratio Lower Upper

180 100

182 94.8 74.6 112.0

145 36.8 27.0 40.6

