

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026678.D
 Acq On : 10 Aug 2023 15:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Aug 11 01:55:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:47:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	525824	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	284007	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	200864	23.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
7) Chloroethane-d5	2.613	69	198	0.031	ug/L	-0.28
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.120%#
11) 1,1-Dichloroethene-d2	4.033	65	97761	22.995	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.000%
21) 2-Butanone-d5	7.075	46	132594	53.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.740%
24) Chloroform-d	7.648	84	441029	24.990	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.307	65	254582	26.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.560%
32) Benzene-d6	8.276	84	894087	25.264	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	9.276	67	281889	25.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.280%
41) Toluene-d8	10.325	98	777528	25.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	10.575	79	114837	25.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.920%
47) 2-Hexanone-d5	10.922	63	67242	58.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235548	27.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	254954	25.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	157727	22.062	ug/L	98
3) Chloromethane	2.229	50	236064	24.148	ug/L	99
5) Vinyl chloride	2.375	62	225224	24.100	ug/L	99
6) Bromomethane	2.783	94	130374	23.945	ug/L	100
8) Chloroethane	2.930	64	133339	23.812	ug/L	98
9) Trichlorofluoromethane	3.265	101	168564	21.979	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	197368	23.824	ug/L	97
12) 1,1-Dichloroethene	4.052	96	187100	24.073	ug/L	94
13) Acetone	4.125	43	93193	37.726	ug/L	96
14) Carbon disulfide	4.393	76	660680	23.629	ug/L	99
15) Methyl Acetate	4.667	43	136503	27.586	ug/L	99
16) Methylene chloride	4.929	84	243577	23.947	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	209088	24.108	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	345569	26.334	ug/L	99
19) 1,1-Dichloroethane	6.216	63	437552	24.513	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	235980	25.314	ug/L	94
22) 2-Butanone	7.167	43	174873	48.036	ug/L	99
23) Bromochloromethane	7.514	128	102588	25.476	ug/L	91
25) Chloroform	7.679	83	412003	23.892	ug/L	100

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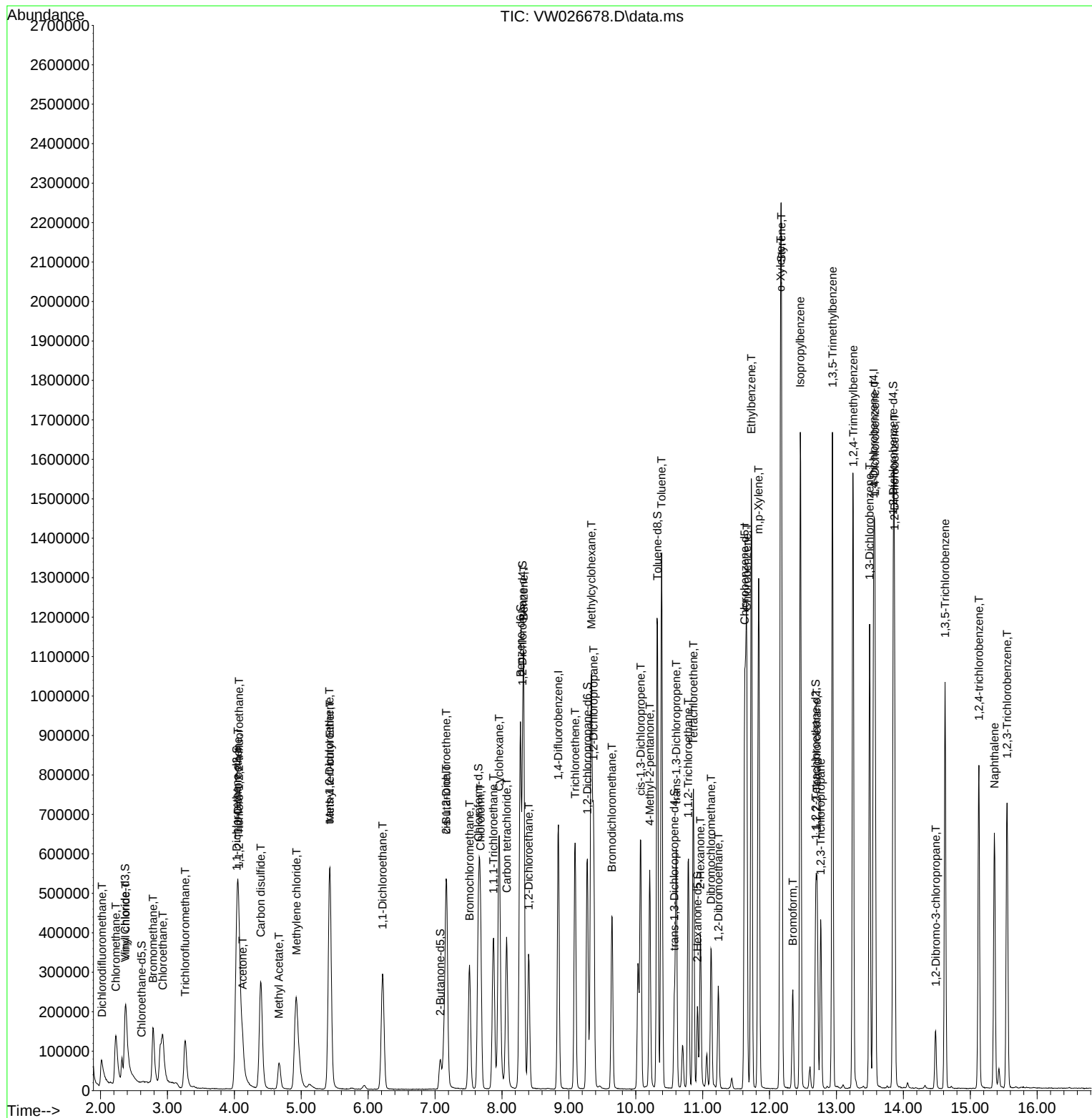
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303522	25.230	ug/L	99
29) Cyclohexane	7.959	56	386442	24.336	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	314833	23.493	ug/L	99
31) Carbon tetrachloride	8.069	117	289830	23.653	ug/L	95
33) Benzene	8.325	78	933547	24.965	ug/L	100
34) Trichloroethene	9.093	95	225979	23.728	ug/L	98
35) Methylcyclohexane	9.337	83	410252	25.180	ug/L	97
37) 1,2-Dichloropropane	9.368	63	255867	24.981	ug/L	99
38) Bromodichloromethane	9.642	83	295697	24.610	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	373972	25.380	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	372665	55.935	ug/L	99
42) Toluene	10.386	91	951065	25.142	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	320920	25.304	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	178139	25.430	ug/L	100
46) Tetrachloroethene	10.861	164	166850	24.115	ug/L	92
48) 2-Hexanone	10.965	43	261305	57.640	ug/L	99
49) Dibromochloromethane	11.123	129	184119	25.131	ug/L	96
50) 1,2-Dibromoethane	11.233	107	166193	25.285	ug/L	98
51) Chlorobenzene	11.660	112	580038	24.275	ug/L	97
52) Ethylbenzene	11.727	91	1052925	24.822	ug/L	96
53) m,p-Xylene	11.837	106	397279	25.280	ug/L	90
54) o-Xylene	12.166	106	378725	25.822	ug/L	94
55) Styrene	12.178	104	671965	26.350	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	233387	26.308	ug/L	96
59) Bromoform	12.349	173	108484	24.384	ug/L	100
60) Isopropylbenzene	12.459	105	1026049	24.300	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	175079	25.414	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	841209	25.205	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	816354	24.961	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	425279	23.159	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	439085	22.912	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	405555	24.286	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	41426	24.943	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	288950	23.290	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	244559	23.250	ug/L	98
71) Naphthalene	15.360	128	519233	25.878	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	232419	24.497	ug/L	99

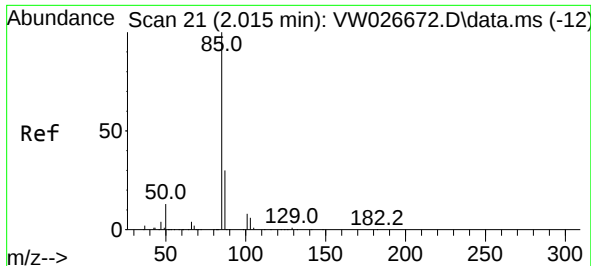
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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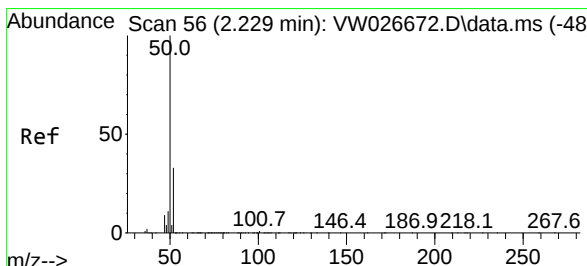
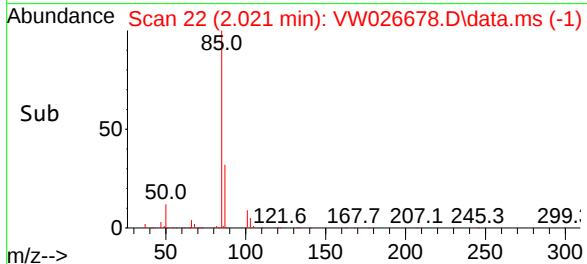
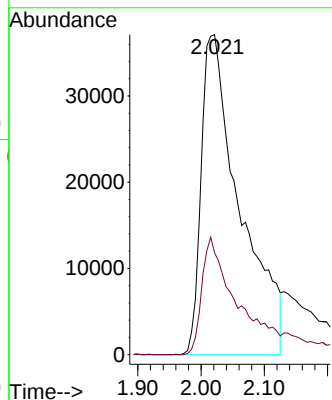
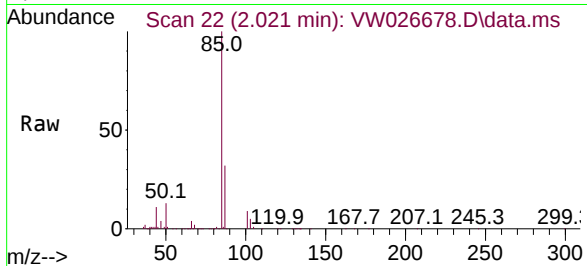




#2
 Dichlorodifluoromethane
 Concen: 22.062 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026678.D
 Acq: 10 Aug 2023 15:10

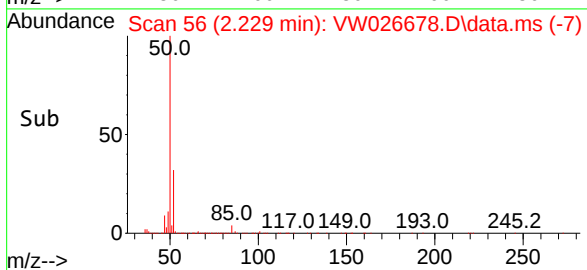
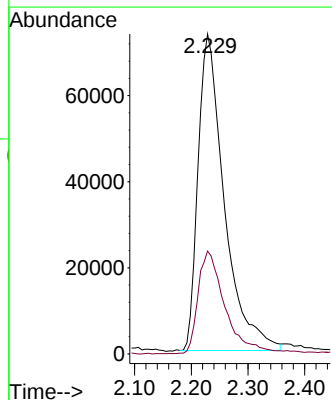
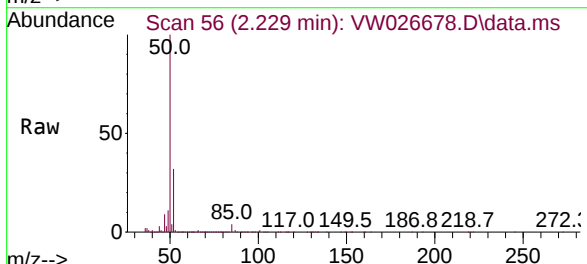
Instrument :
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 ClientSampleId :
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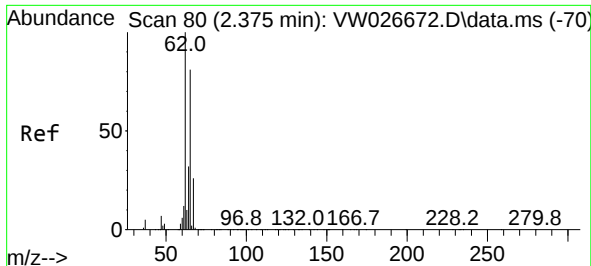
Tgt Ion: 85 Resp: 157727
 Ion Ratio Lower Upper
 85 100
 87 23.6 19.5 29.3



#3
 Chloromethane
 Concen: 24.148 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026678.D
 Acq: 10 Aug 2023 15:10

Tgt Ion: 50 Resp: 236064
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8

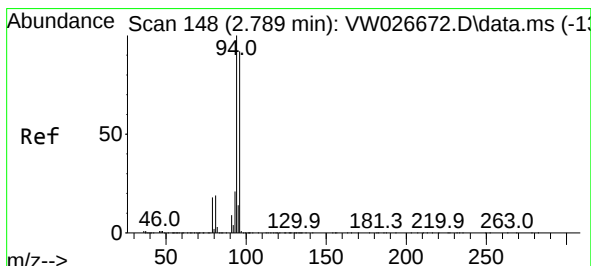
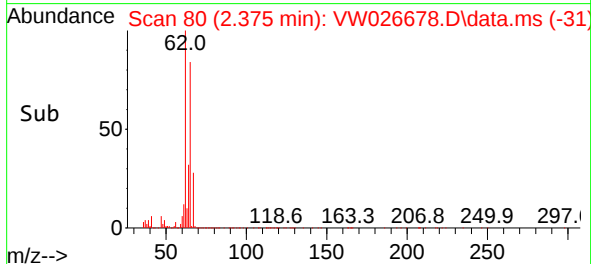
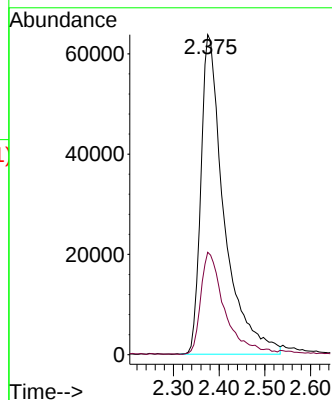
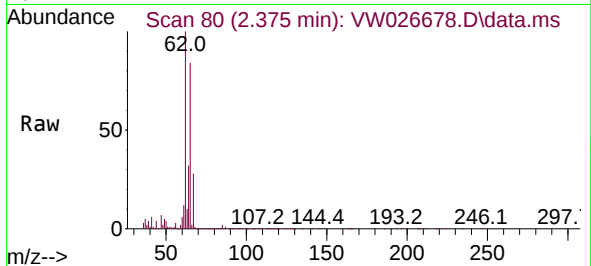




#5
 Vinyl chloride
 Concen: 24.100 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026678.D
 Acq: 10 Aug 2023 15:10

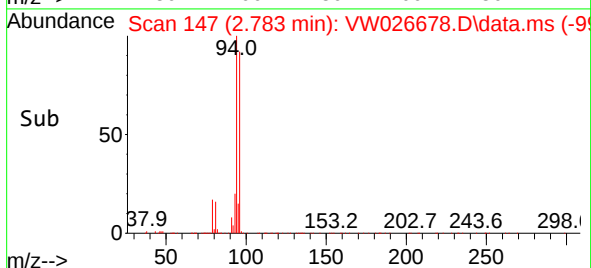
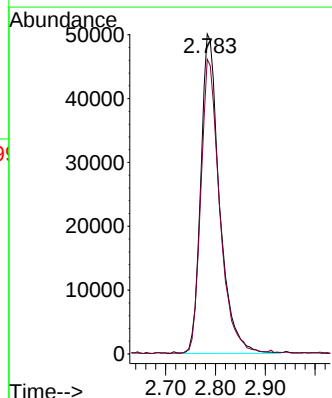
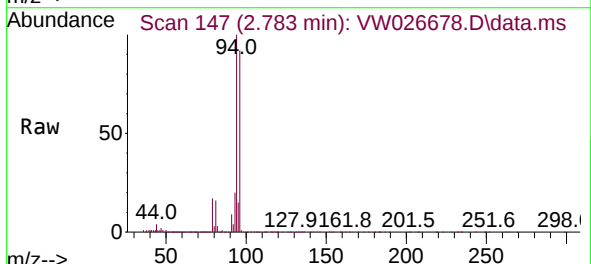
Instrument :
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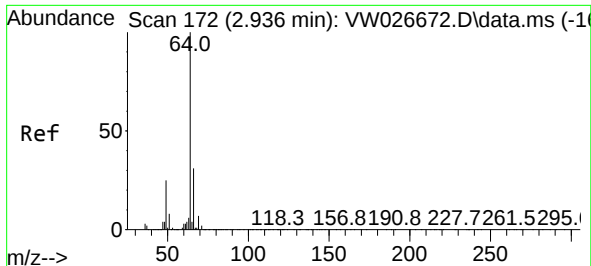
Tgt Ion: 62 Resp: 225224
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.7 42.3



#6
 Bromomethane
 Concen: 23.945 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026678.D
 Acq: 10 Aug 2023 15:10

Tgt Ion: 94 Resp: 130374
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.8 120.3

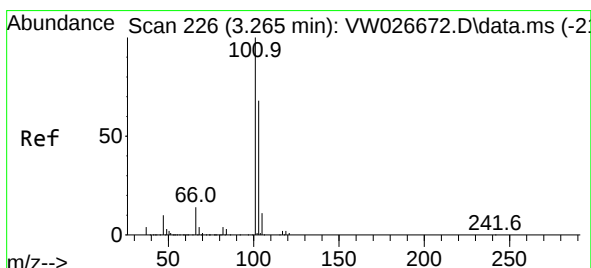
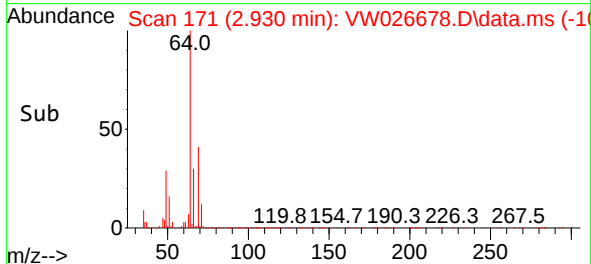
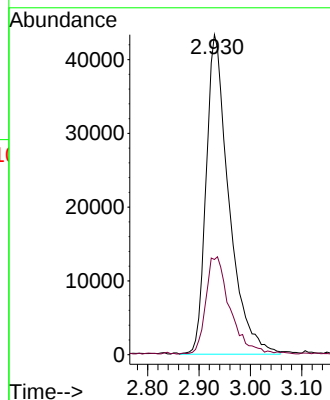
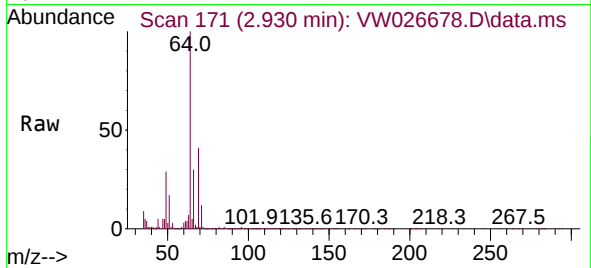




#8
Chloroethane
Concen: 23.812 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

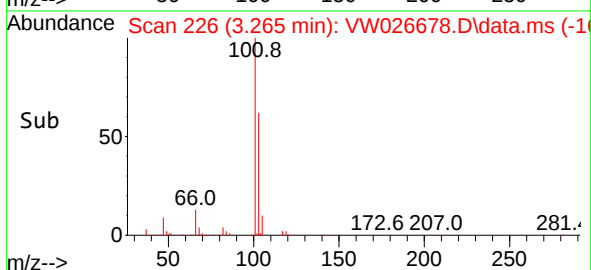
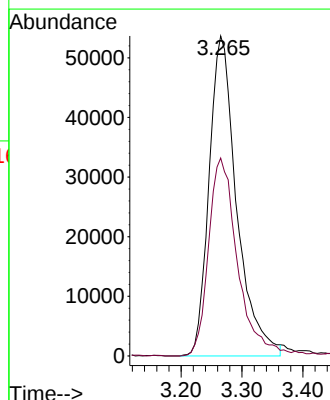
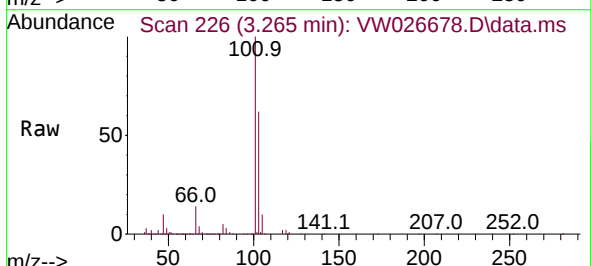
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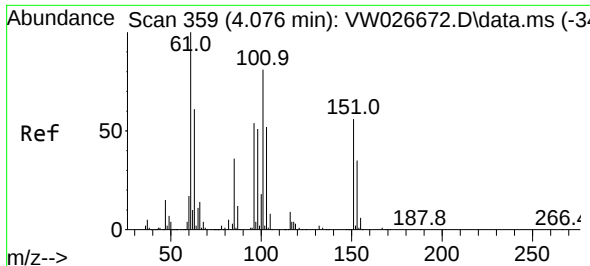
Tgt Ion: 64 Resp: 133339
Ion Ratio Lower Upper
64 100
66 29.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.979 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 101 Resp: 168564
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9

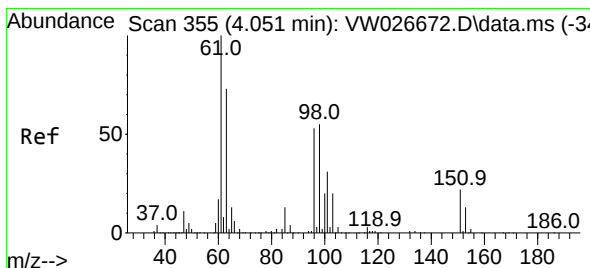
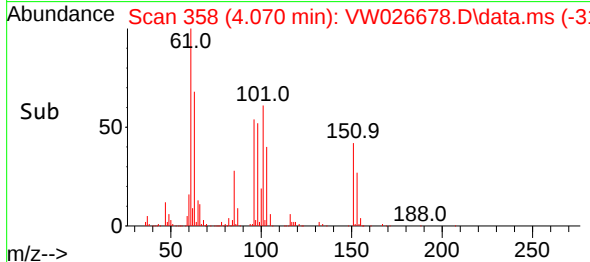
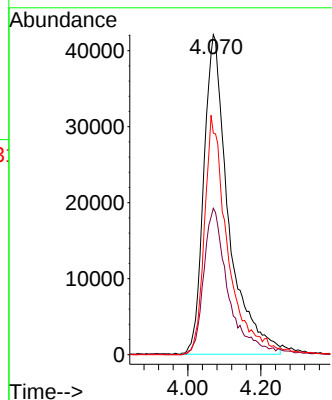
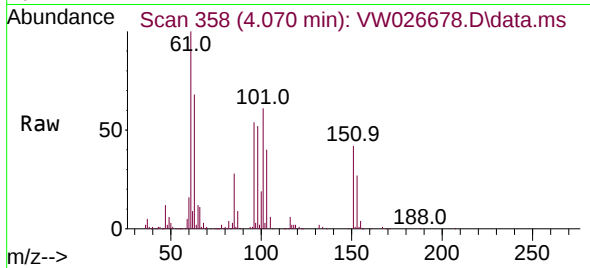




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.824 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

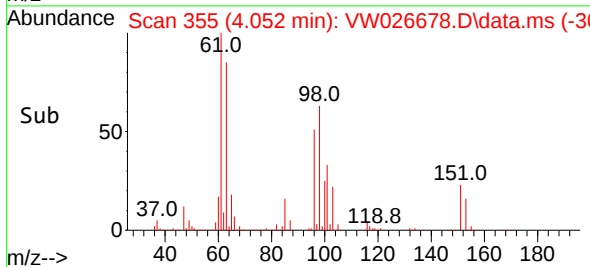
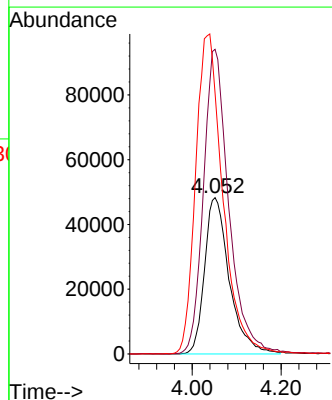
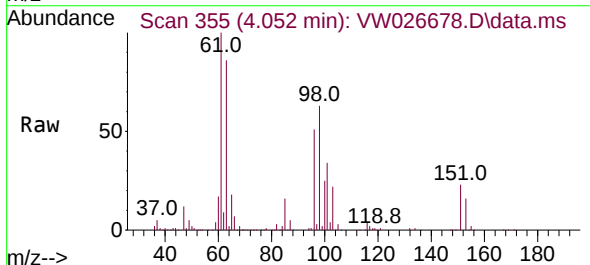
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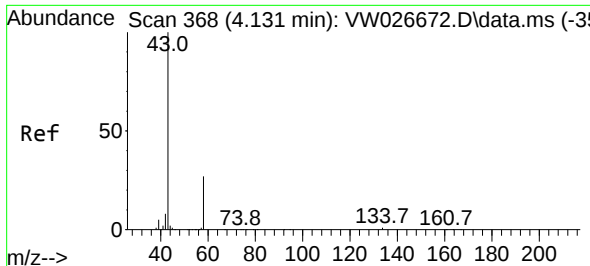
Tgt Ion:101 Resp: 197368
Ion Ratio Lower Upper
101 100
85 42.3 32.8 49.2
151 65.5 54.4 81.6



#12
1,1-Dichloroethene
Concen: 24.073 ug/L
RT: 4.052 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 96 Resp: 187100
Ion Ratio Lower Upper
96 100
61 194.9 133.2 247.4
63 166.8 109.0 202.4

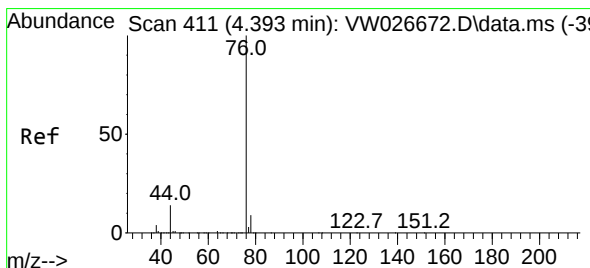
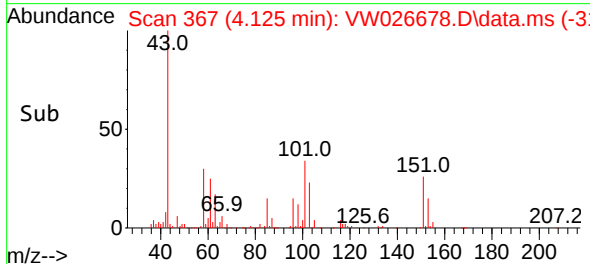
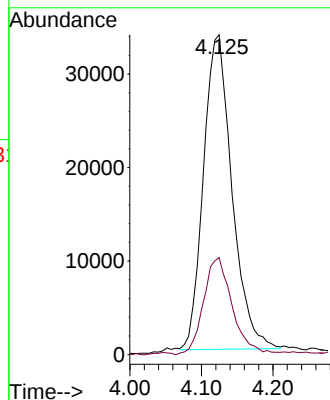
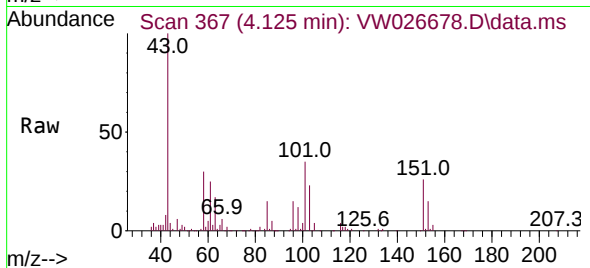




#13
Acetone
Concen: 37.726 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
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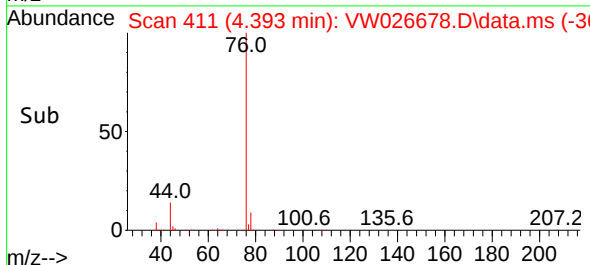
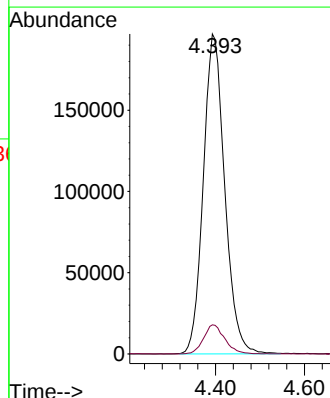
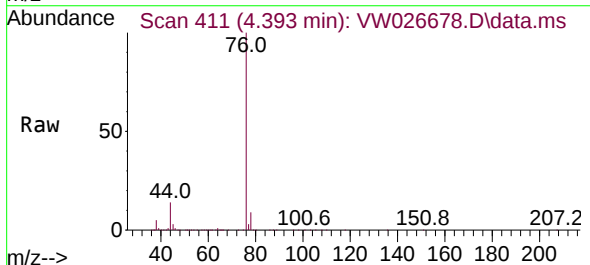
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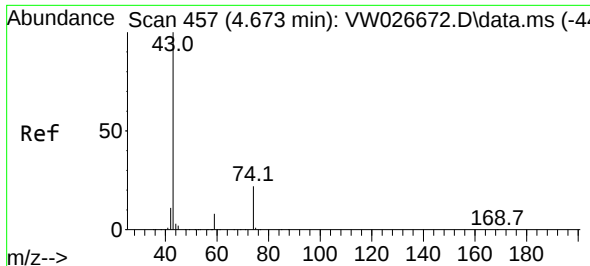
Tgt Ion: 43 Resp: 93193
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.4



#14
Carbon disulfide
Concen: 23.629 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 76 Resp: 660680
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

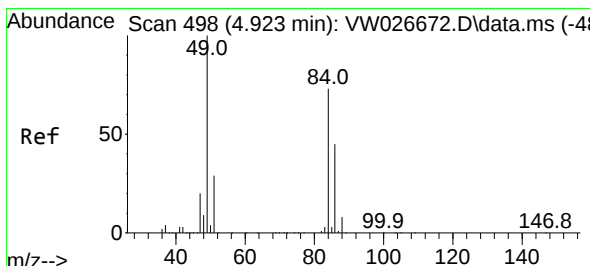
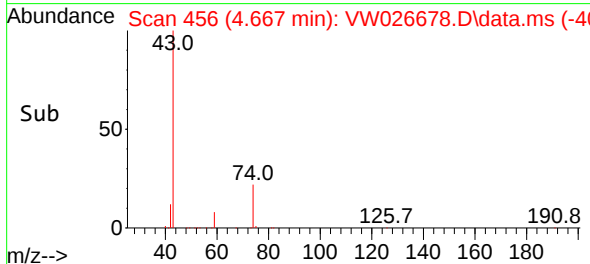
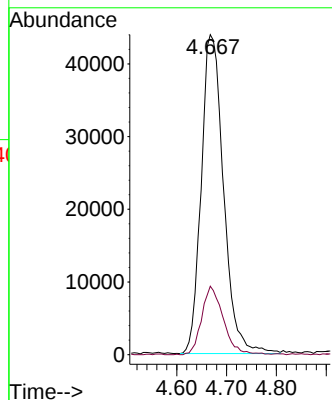
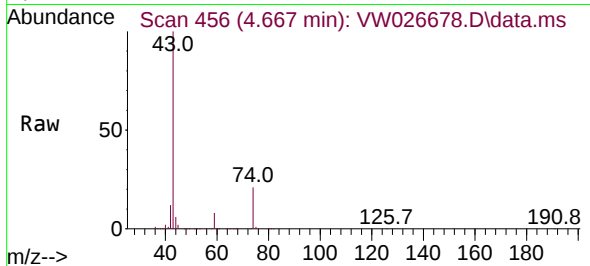




#15
Methyl Acetate
Concen: 27.586 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

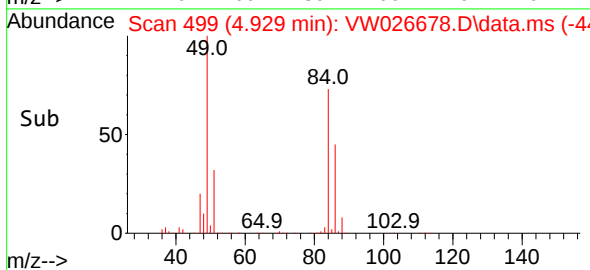
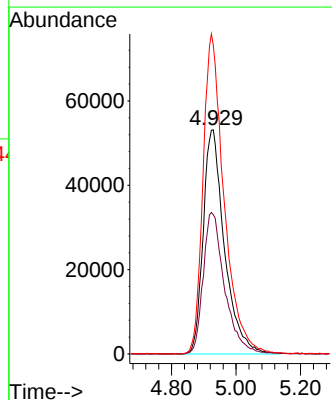
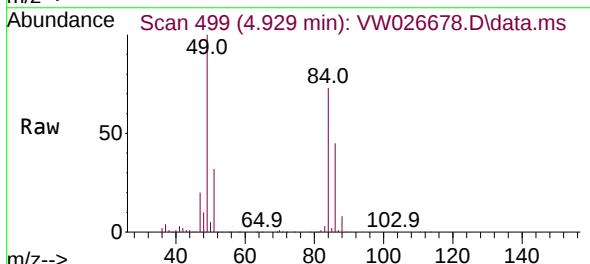
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

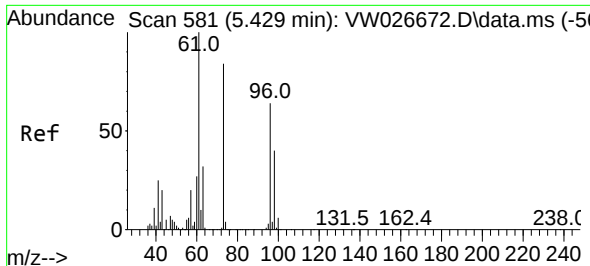
Tgt Ion: 43 Resp: 136503
Ion Ratio Lower Upper
43 100
74 20.7 16.4 24.6



#16
Methylene chloride
Concen: 23.947 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 84 Resp: 243577
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.9
49 137.7 96.0 178.2

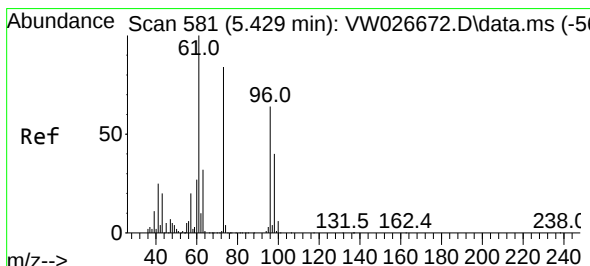
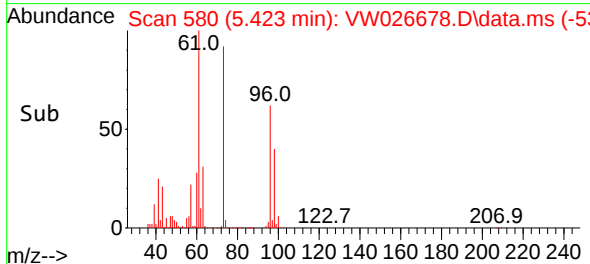
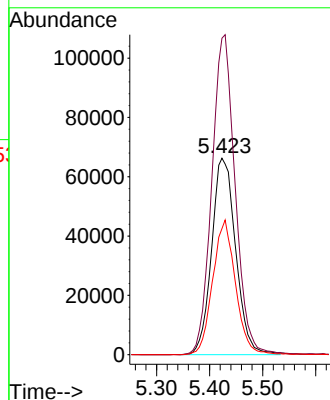
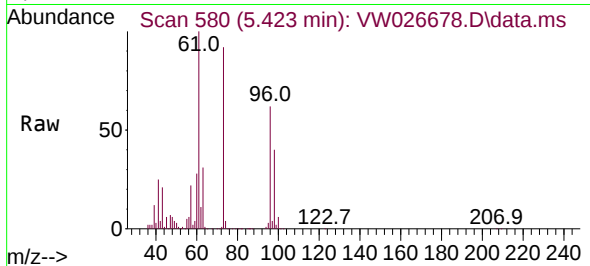




#17
trans-1,2-Dichloroethene
Concen: 24.108 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

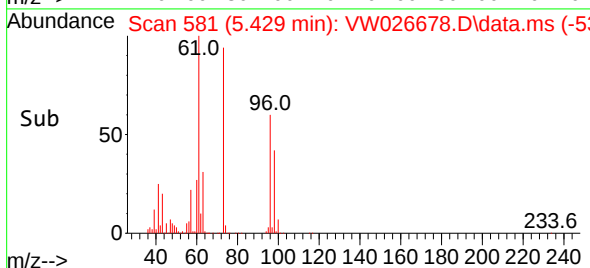
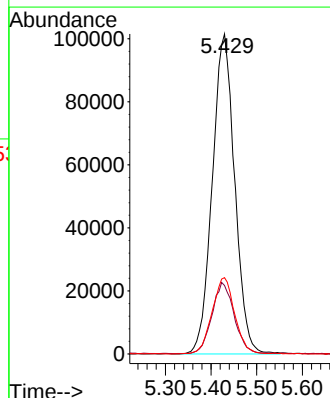
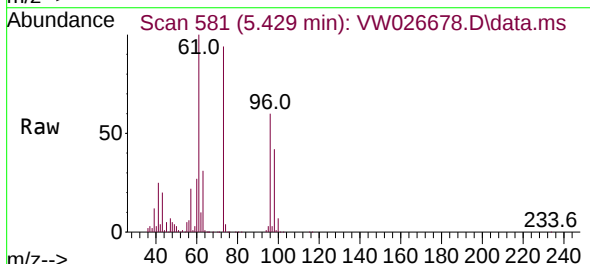
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

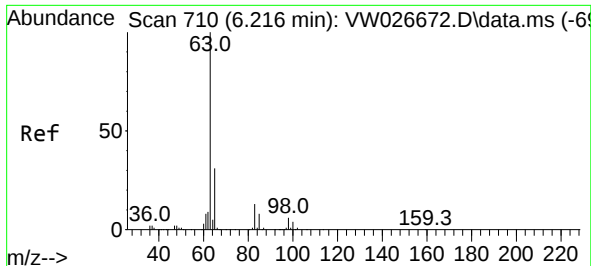
Tgt Ion: 96 Resp: 209088
Ion Ratio Lower Upper
96 100
61 161.0 109.4 203.2
98 64.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.334 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 73 Resp: 345569
Ion Ratio Lower Upper
73 100
43 22.0 18.0 27.0
57 24.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.513 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

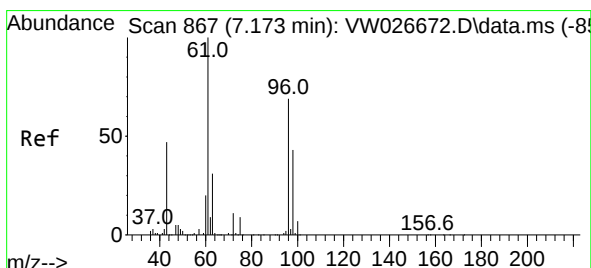
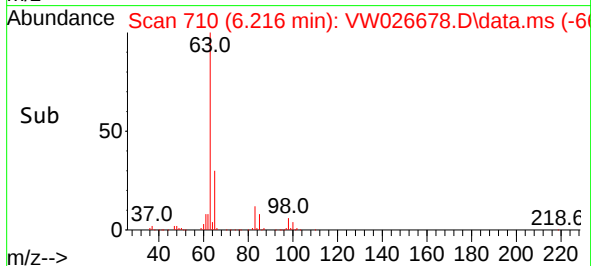
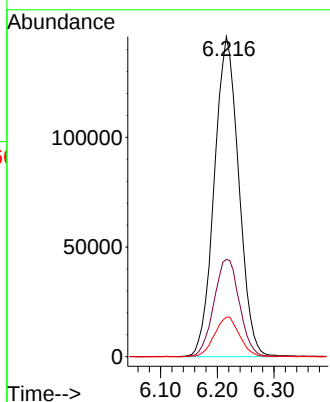
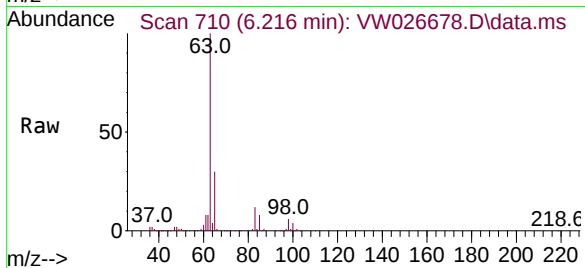
Tgt Ion: 63 Resp: 437552

Ion Ratio Lower Upper

63 100

65 30.4 21.8 40.6

83 12.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.314 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

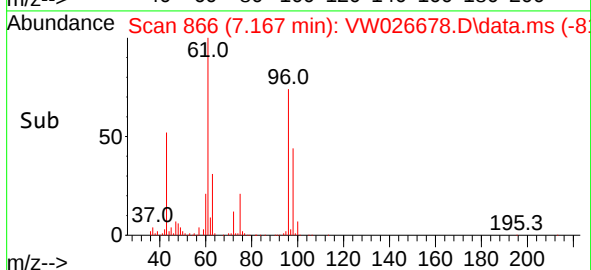
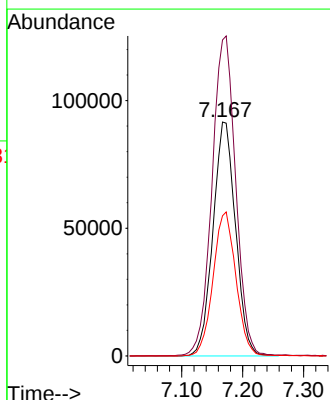
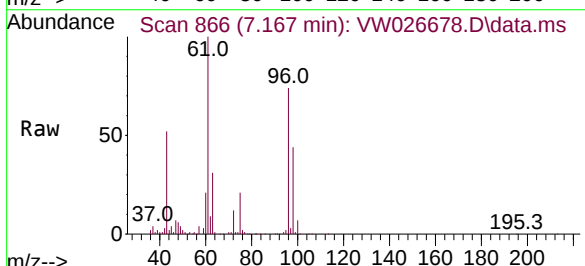
Tgt Ion: 96 Resp: 235980

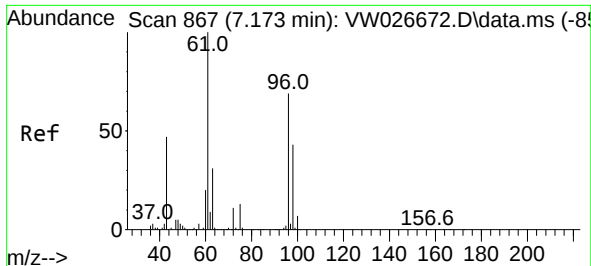
Ion Ratio Lower Upper

96 100

61 135.1 101.2 188.0

98 59.9 43.8 81.3

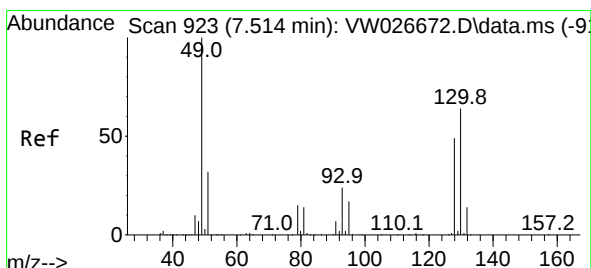
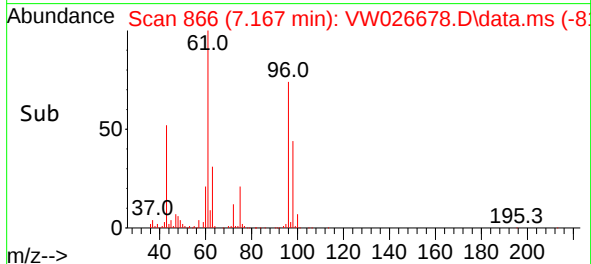
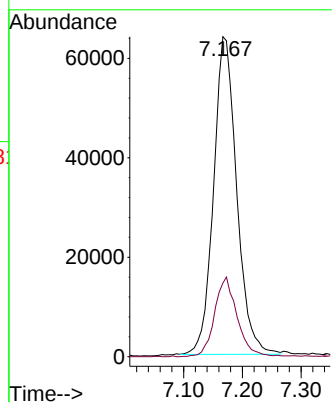
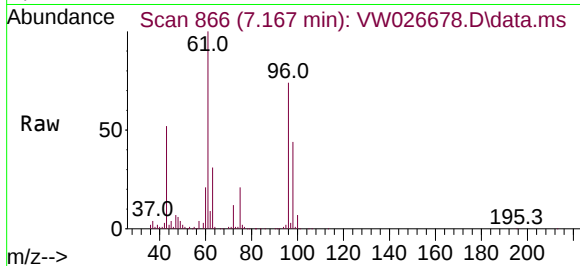




#22
2-Butanone
Concen: 48.036 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

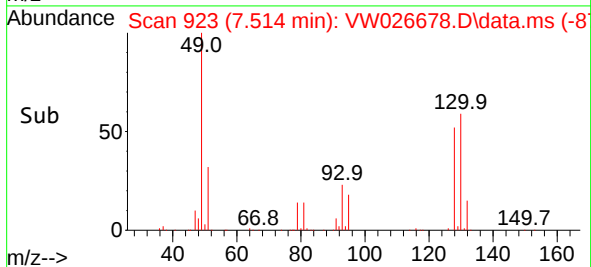
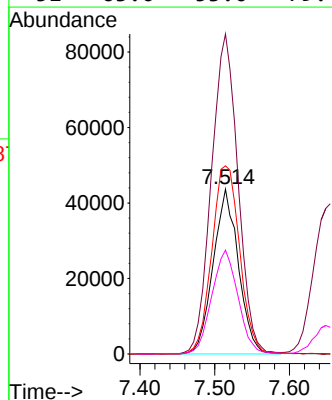
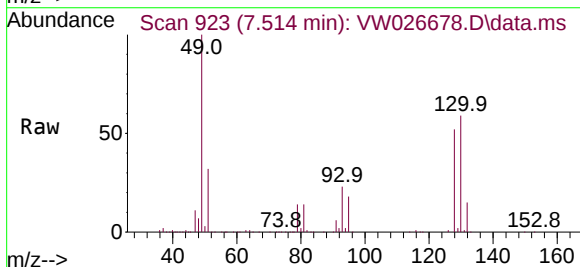
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

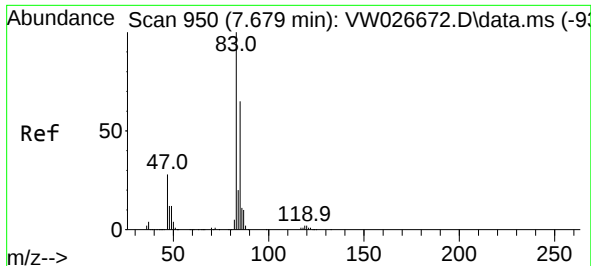
Tgt Ion: 43 Resp: 174873
Ion Ratio Lower Upper
43 100
72 24.3 11.8 35.4



#23
Bromochloromethane
Concen: 25.476 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 128 Resp: 102588
Ion Ratio Lower Upper
128 100
49 194.1 143.1 265.7
130 114.1 91.8 170.4
51 63.0 53.0 79.4

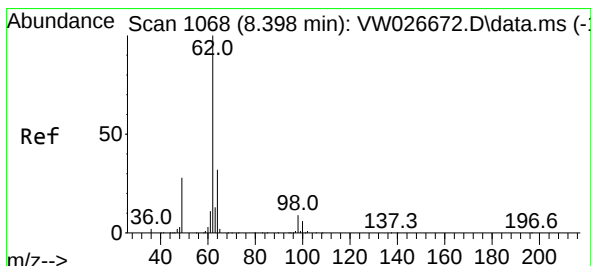
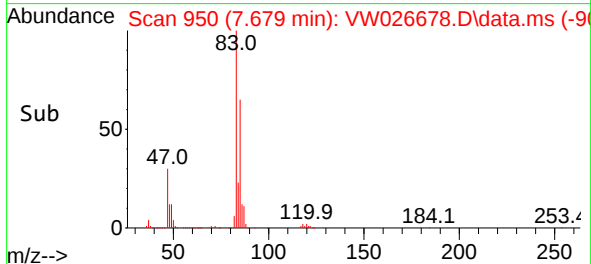
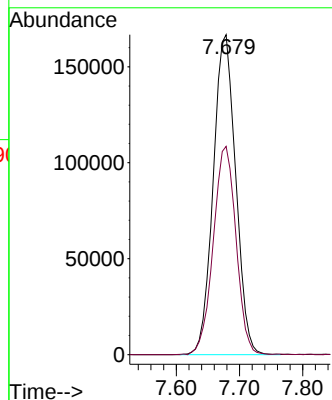
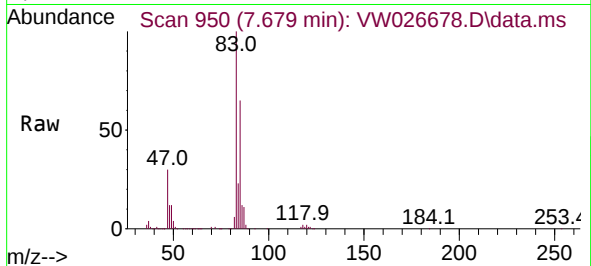




#25
Chloroform
Concen: 23.892 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

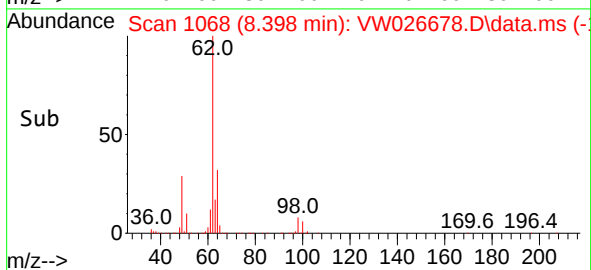
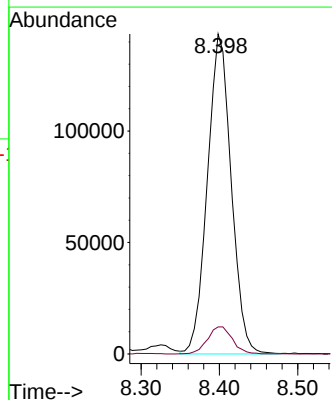
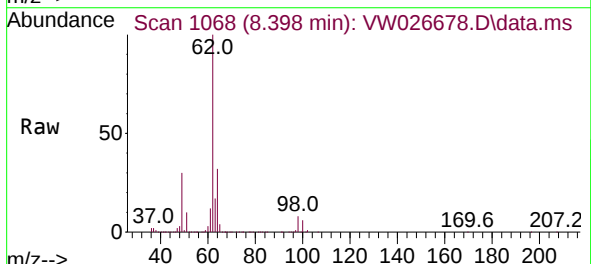
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

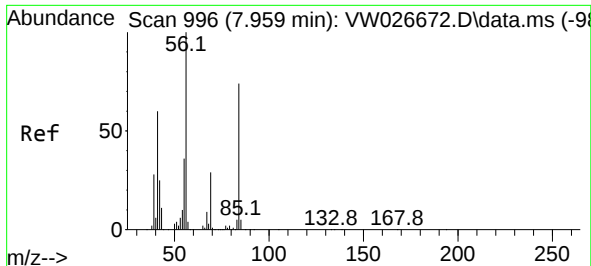
Tgt Ion: 83 Resp: 412003
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.230 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 62 Resp: 303522
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7

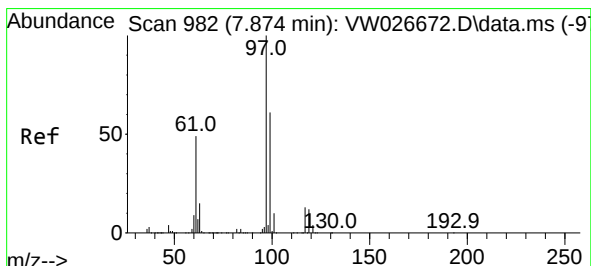
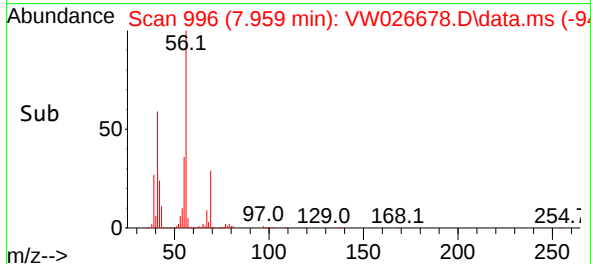
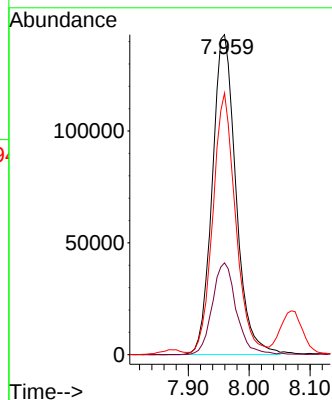
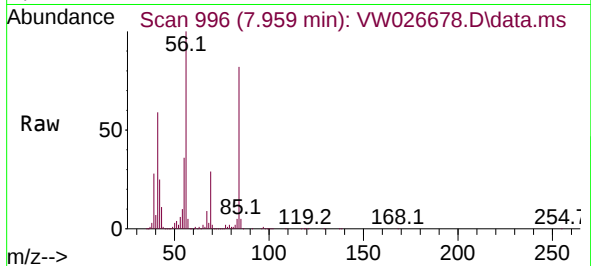




#29
Cyclohexane
Concen: 24.336 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

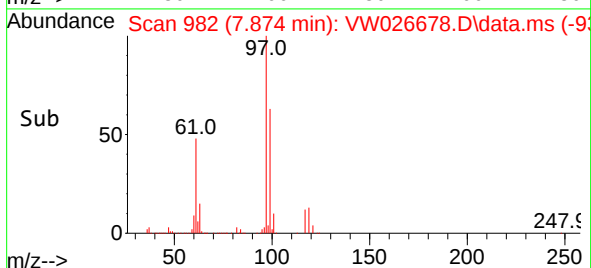
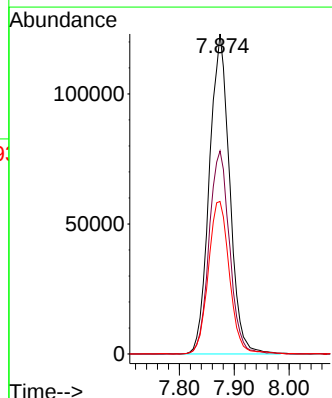
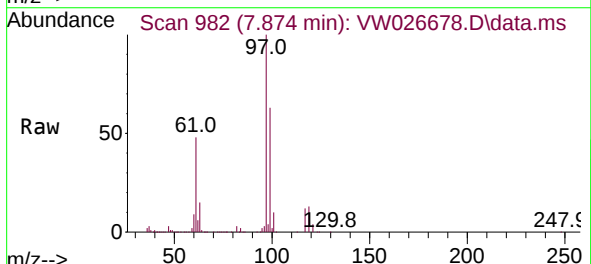
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

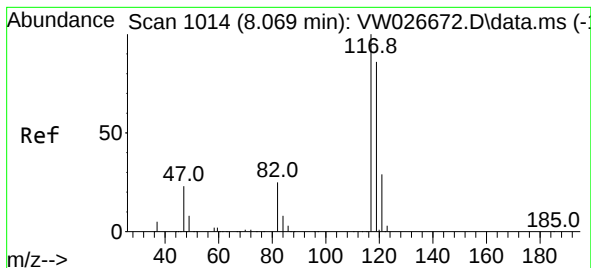
Tgt Ion: 56 Resp: 386442
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 78.9 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 23.493 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 97 Resp: 314833
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 49.8 39.2 58.8





#31

Carbon tetrachloride

Concen: 23.653 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

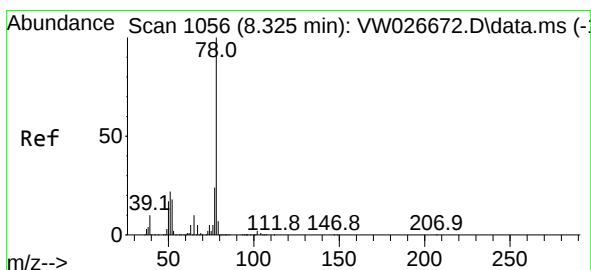
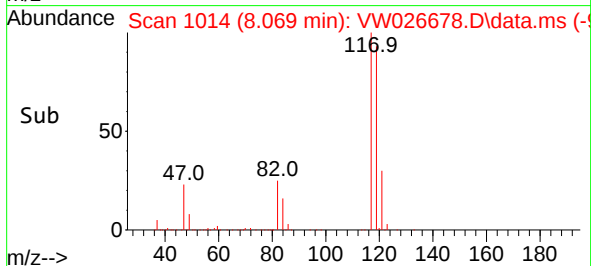
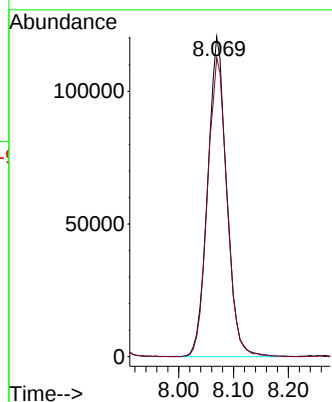
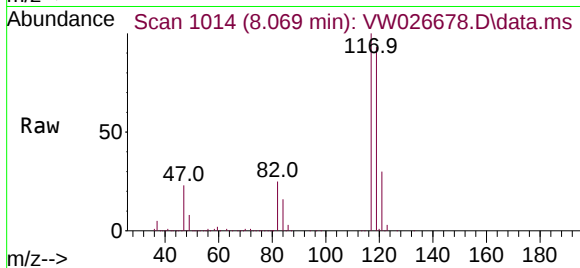
VSTD025573

Tgt Ion:117 Resp: 289830

Ion Ratio Lower Upper

117 100

119 95.7 73.0 109.4



#33

Benzene

Concen: 24.965 ug/L

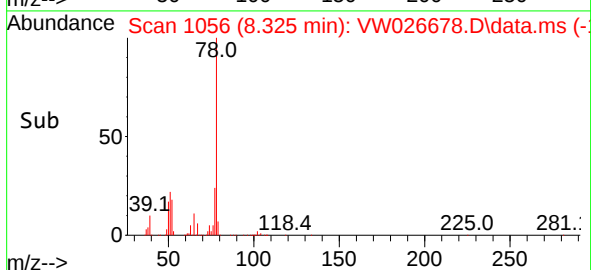
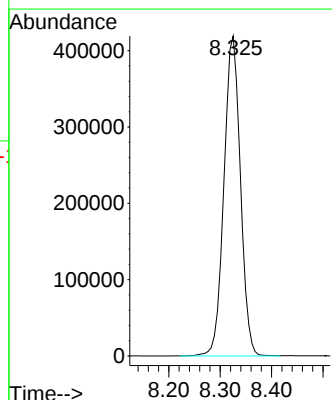
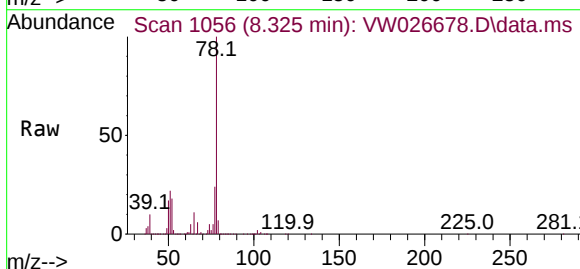
RT: 8.325 min Scan# 1056

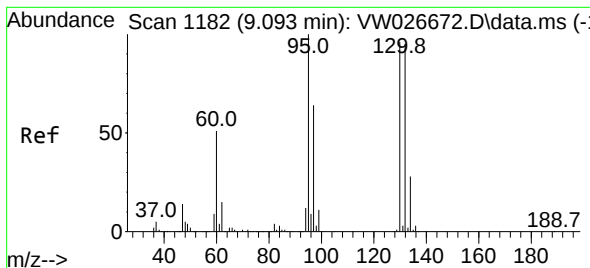
Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Tgt Ion: 78 Resp: 933547





#34

Trichloroethene

Concen: 23.728 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

Tgt Ion: 95 Resp: 225979

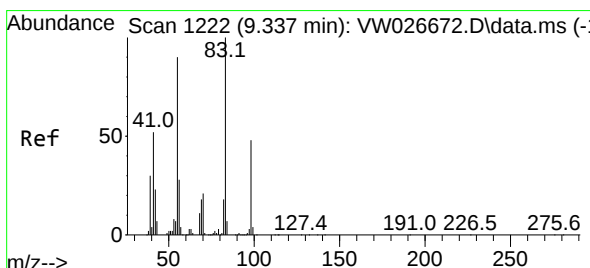
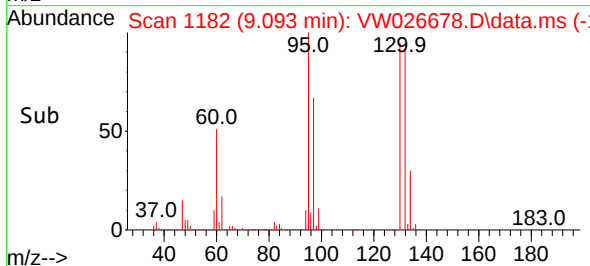
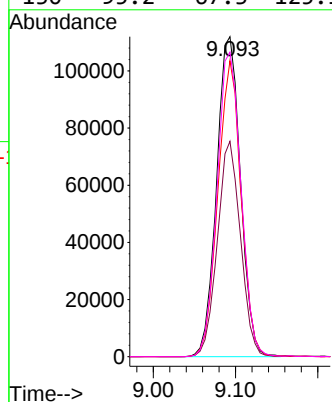
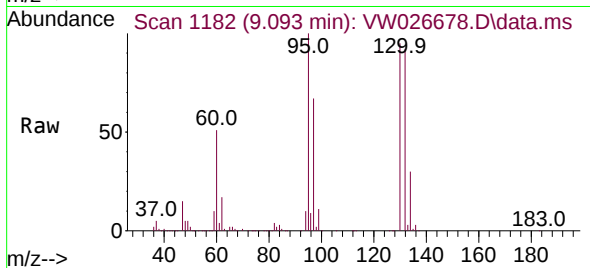
Ion Ratio Lower Upper

95 100

97 67.3 44.6 82.8

132 92.5 66.4 123.2

130 95.2 67.3 125.1



#35

Methylcyclohexane

Concen: 25.180 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

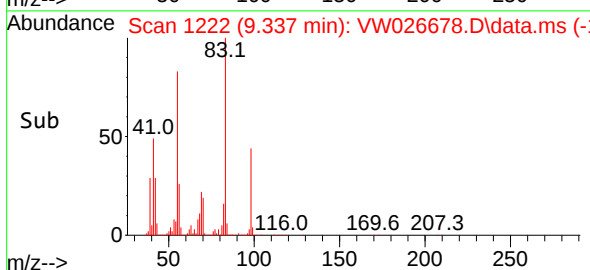
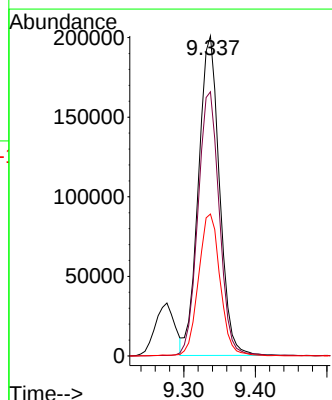
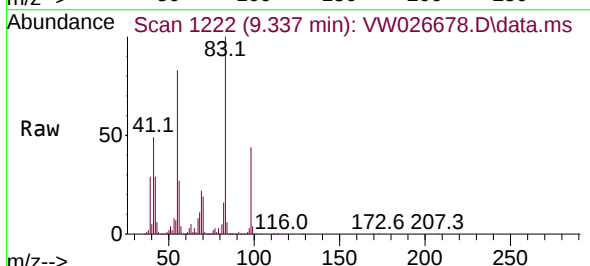
Tgt Ion: 83 Resp: 410252

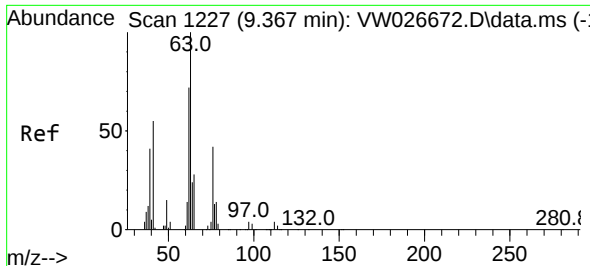
Ion Ratio Lower Upper

83 100

55 83.7 69.3 103.9

98 45.6 37.4 56.0





#37

1,2-Dichloropropane

Concen: 24.981 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

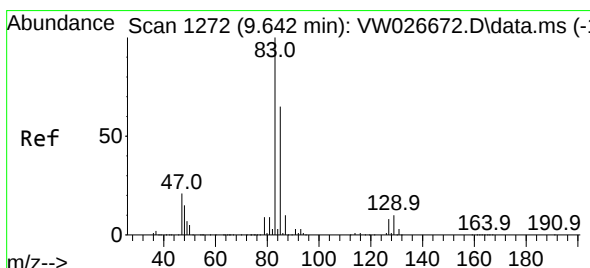
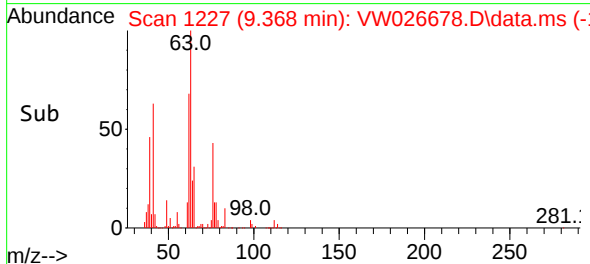
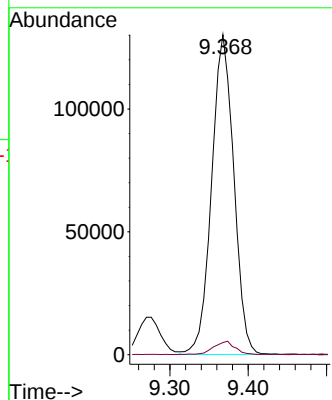
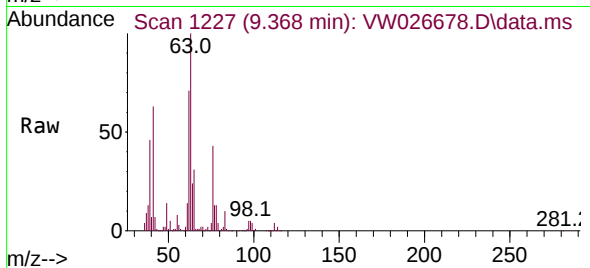
VSTD025573

Tgt Ion: 63 Resp: 255867

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 24.610 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

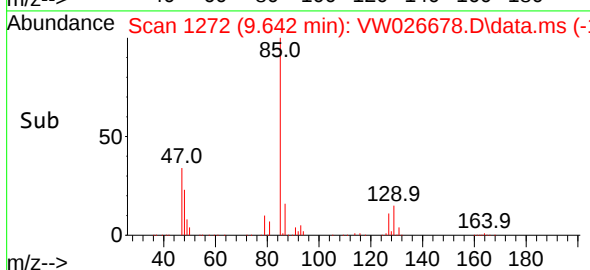
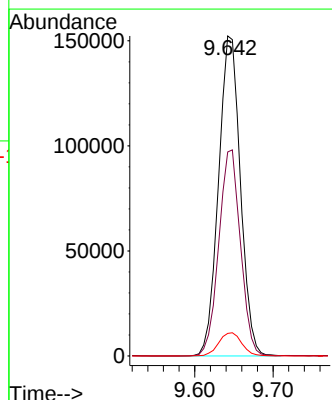
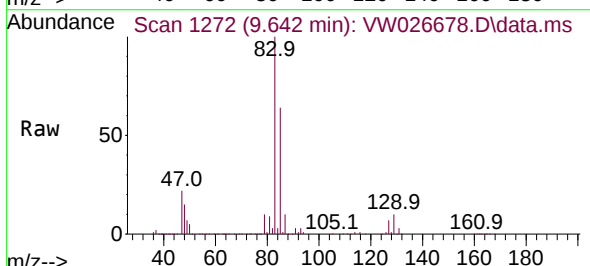
Tgt Ion: 83 Resp: 295697

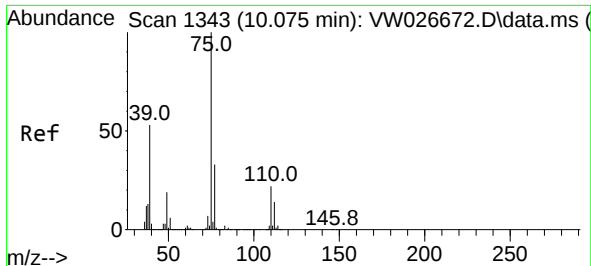
Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.2

127 7.0 6.2 9.2

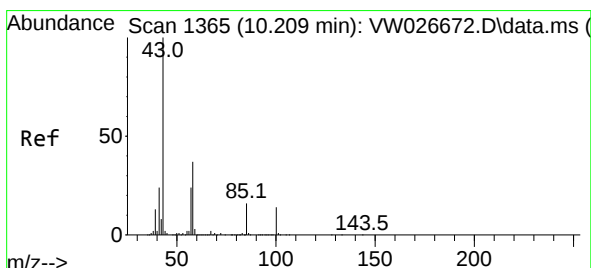
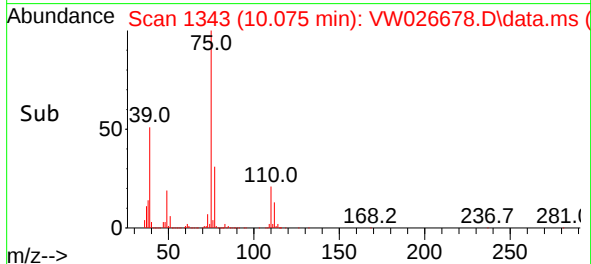
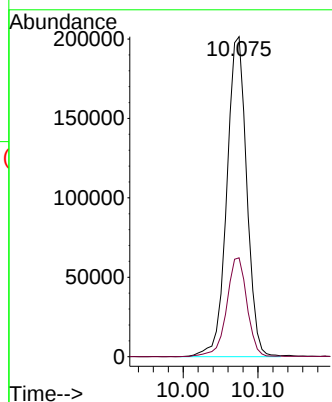
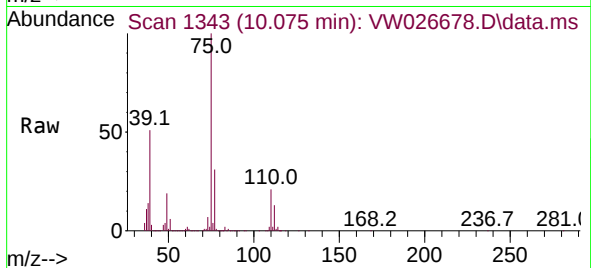




#39
 cis-1,3-Dichloropropene
 Concen: 25.380 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW026678.D
 Acq: 10 Aug 2023 15:10

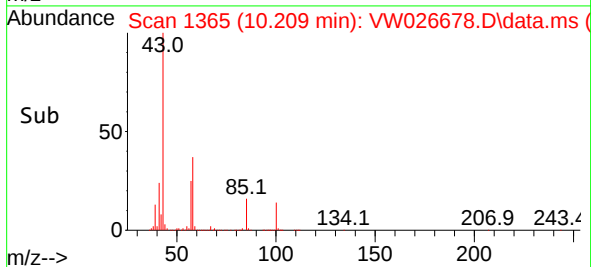
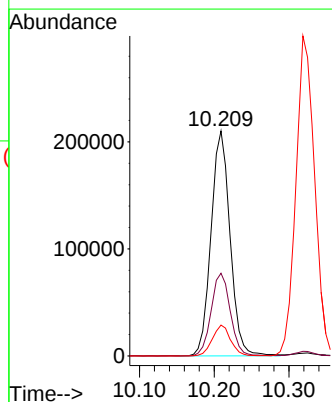
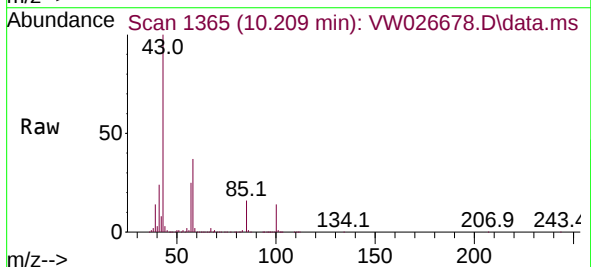
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

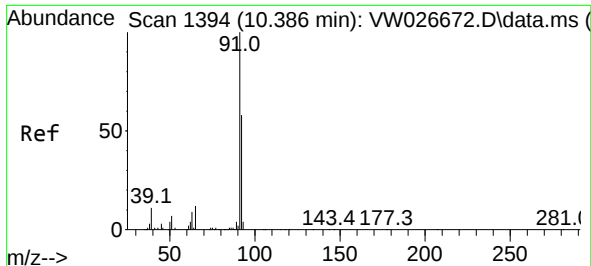
Tgt Ion: 75 Resp: 373972
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 55.935 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026678.D
 Acq: 10 Aug 2023 15:10

Tgt Ion: 43 Resp: 372665
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.2 43.8
 100 13.3 10.7 16.1

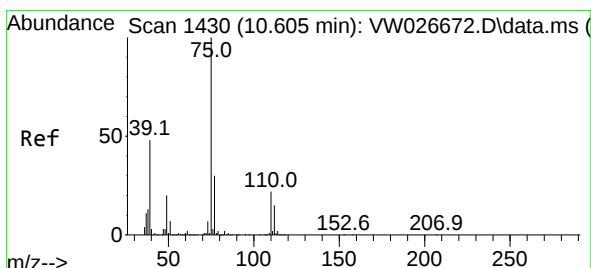
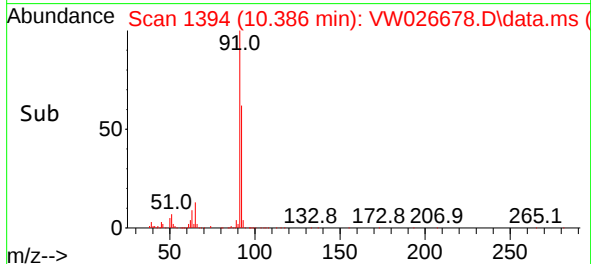
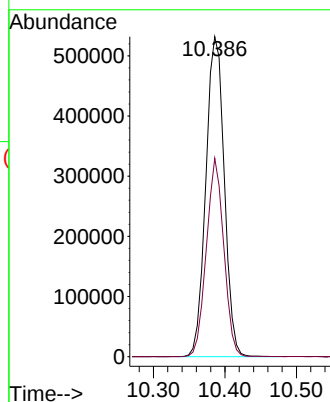
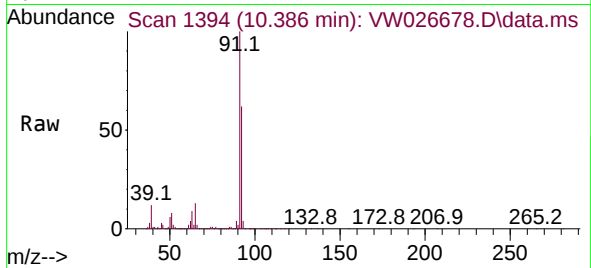




#42
Toluene
Concen: 25.142 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

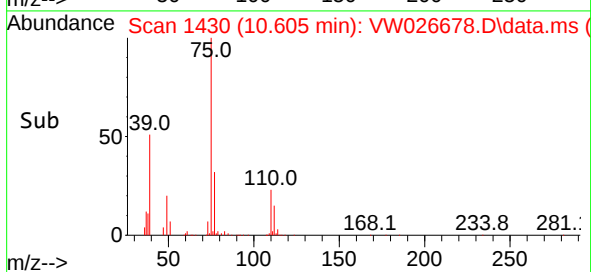
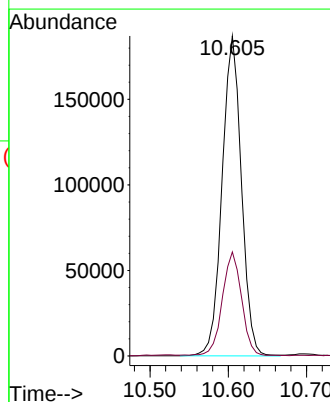
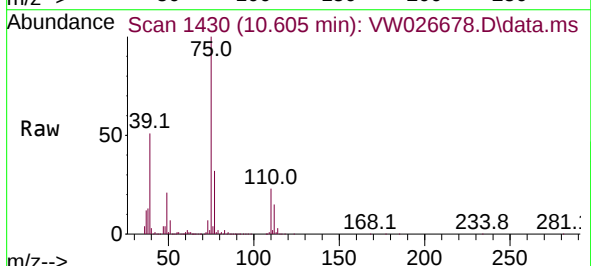
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

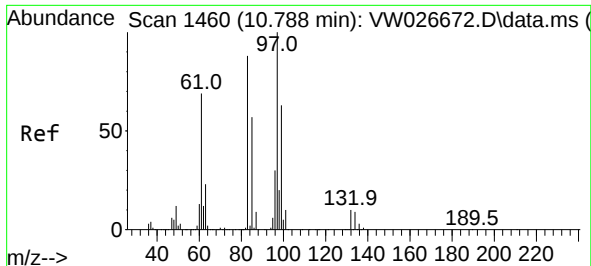
Tgt Ion: 91 Resp: 951065
Ion Ratio Lower Upper
91 100
92 62.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.304 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 75 Resp: 320920
Ion Ratio Lower Upper
75 100
77 32.5 21.2 39.4

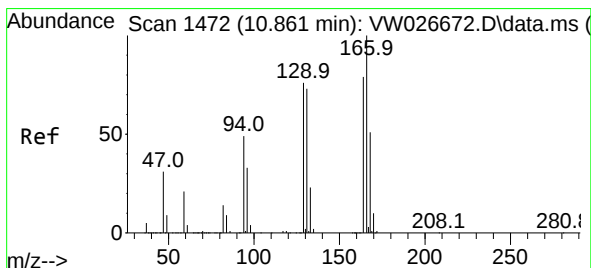
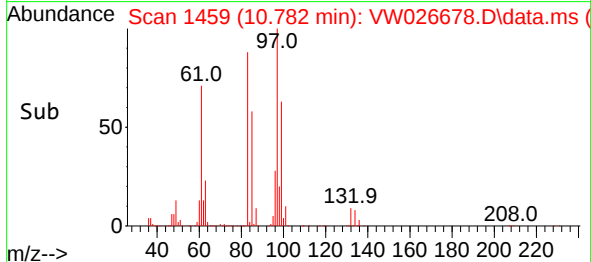
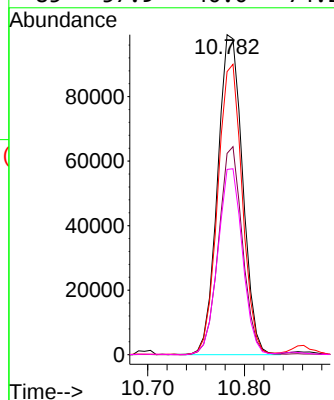
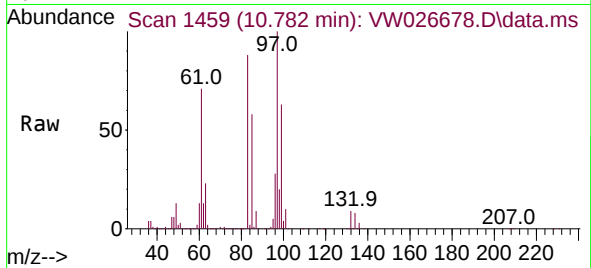




#45
1,1,2-Trichloroethane
Concen: 25.430 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

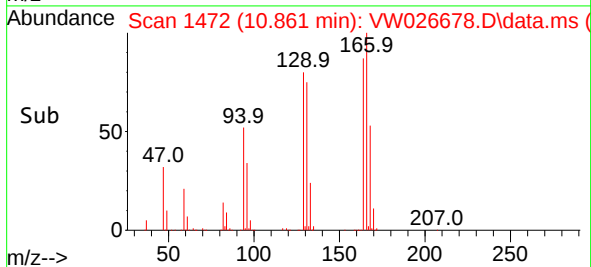
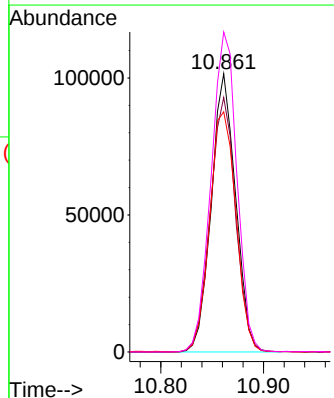
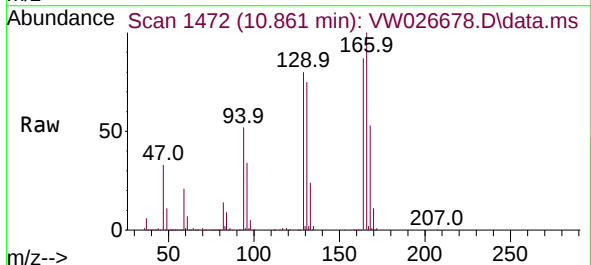
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

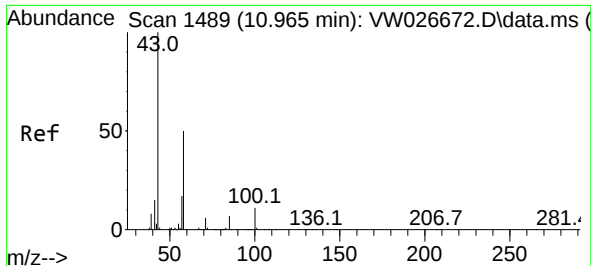
Tgt Ion: 97 Resp: 178139
Ion Ratio Lower Upper
97 100
99 62.9 44.2 82.0
83 88.5 61.9 114.9
85 57.9 40.0 74.2



#46
Tetrachloroethene
Concen: 24.115 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion:164 Resp: 166850
Ion Ratio Lower Upper
164 100
129 91.4 68.1 126.5
131 86.3 65.5 121.7
166 115.0 89.1 165.5

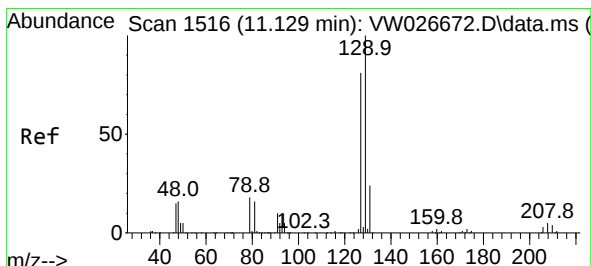
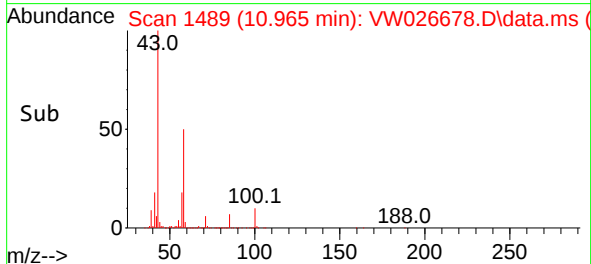
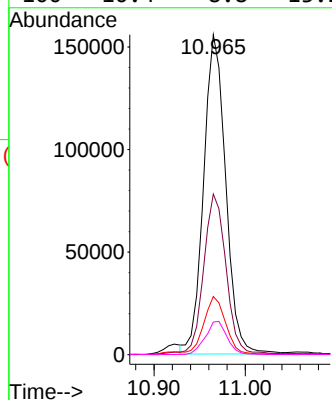
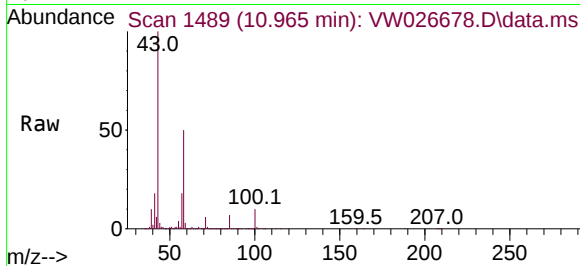




#48
2-Hexanone
Concen: 57.640 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

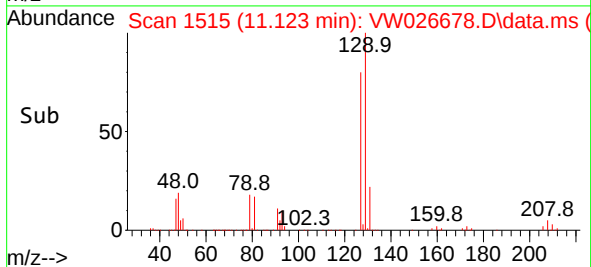
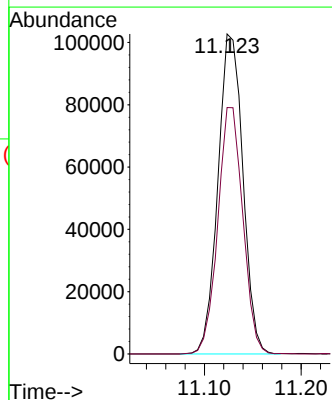
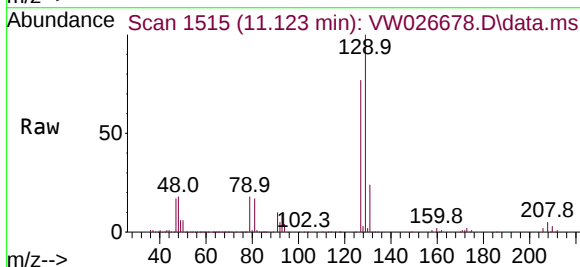
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

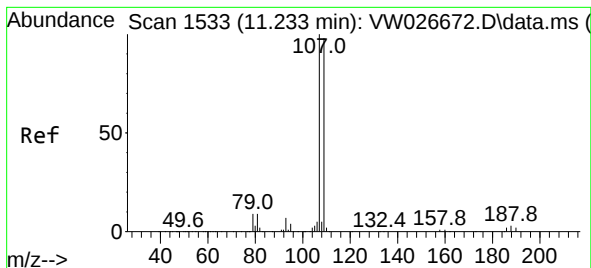
Tgt Ion: 43 Resp: 261305
Ion Ratio Lower Upper
43 100
58 51.3 41.1 61.7
57 17.4 14.3 21.5
100 10.4 8.8 13.2



#49
Dibromochloromethane
Concen: 25.131 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion: 129 Resp: 184119
Ion Ratio Lower Upper
129 100
127 77.0 56.6 105.2

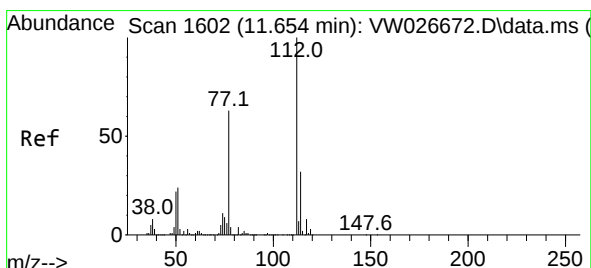
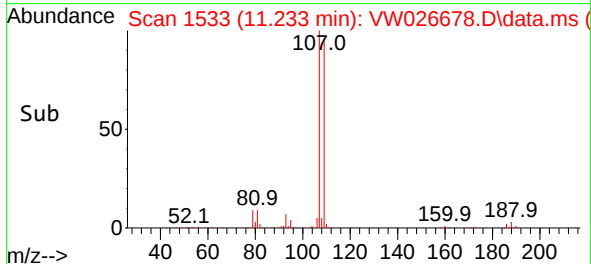
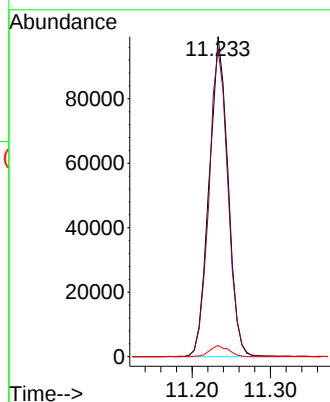
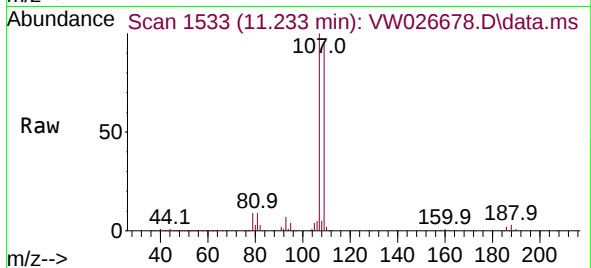




#50
1,2-Dibromoethane
Concen: 25.285 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

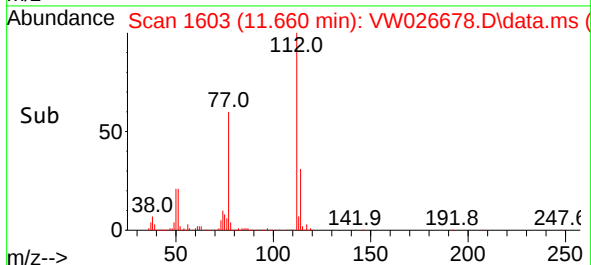
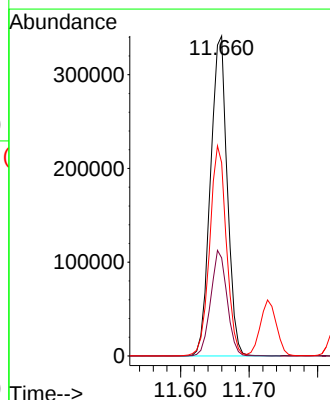
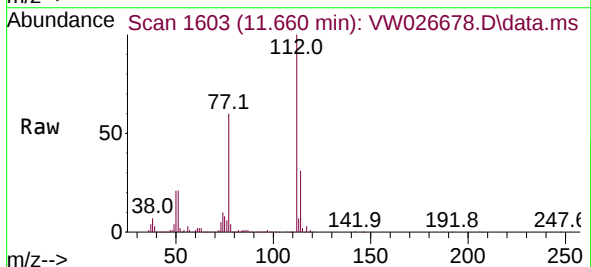
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

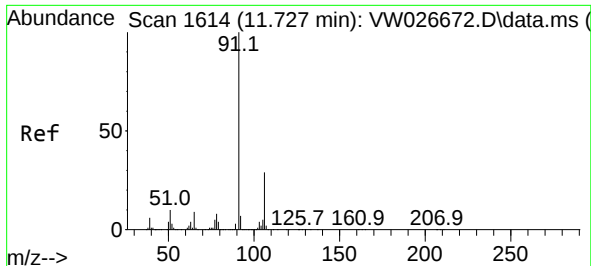
Tgt Ion:107 Resp: 166193
Ion Ratio Lower Upper
107 100
109 96.1 68.8 127.8
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 24.275 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion:112 Resp: 580038
Ion Ratio Lower Upper
112 100
114 30.7 22.4 41.6
77 60.4 50.2 75.2

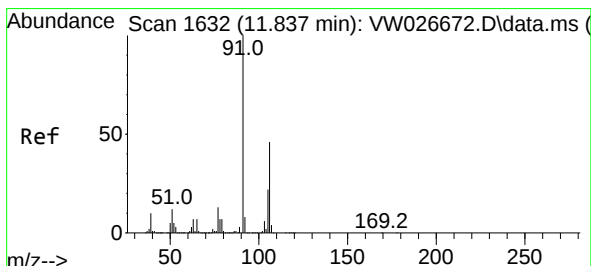
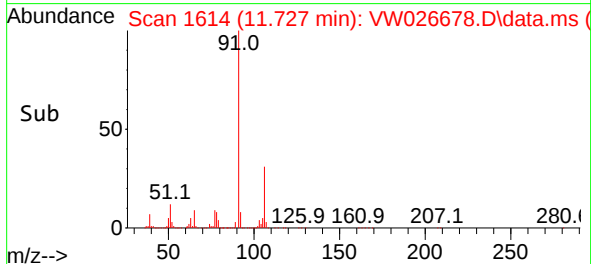
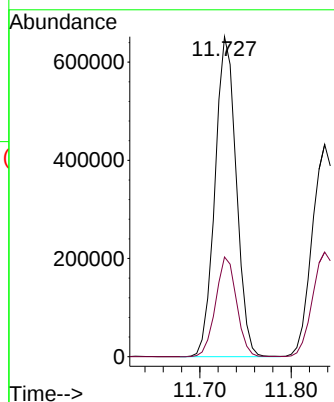
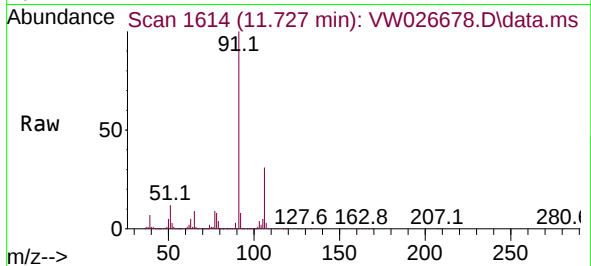




#52
Ethylbenzene
Concen: 24.822 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

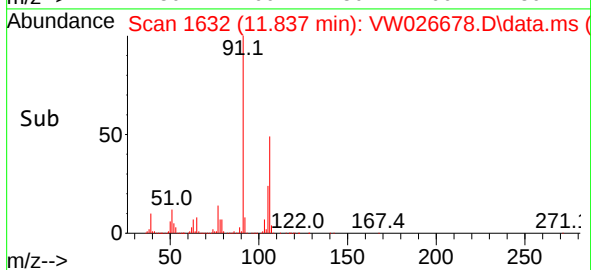
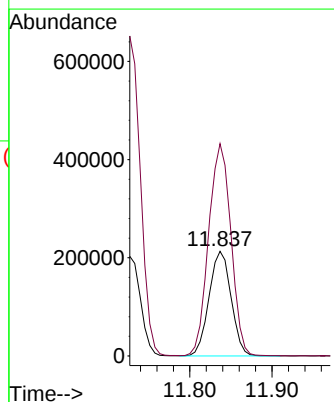
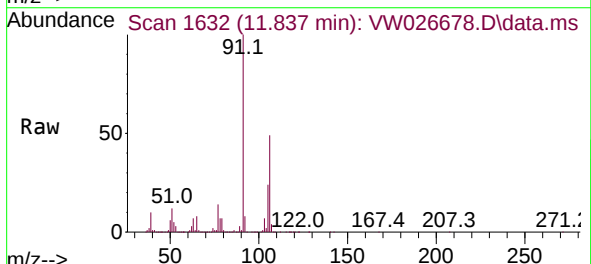
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

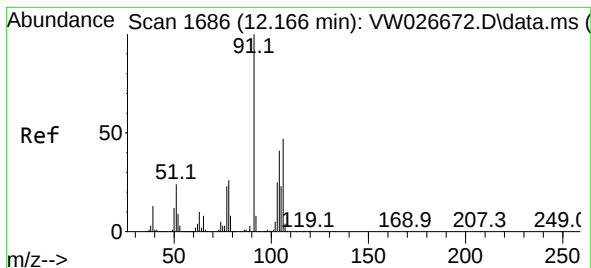
Tgt Ion: 91 Resp: 1052925
Ion Ratio Lower Upper
91 100
106 31.2 20.2 37.6



#53
m,p-Xylene
Concen: 25.280 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion:106 Resp: 397279
Ion Ratio Lower Upper
106 100
91 202.8 152.9 284.1

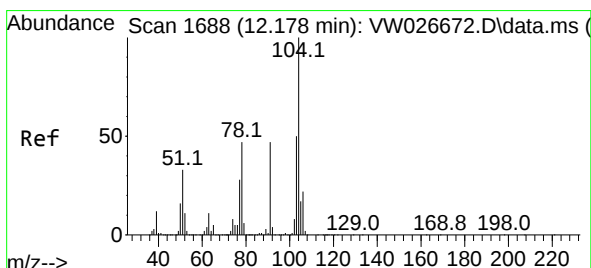
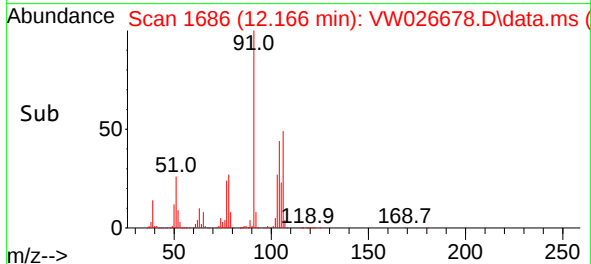
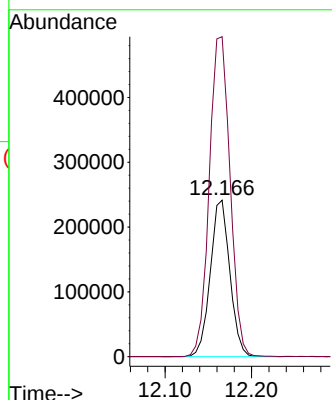
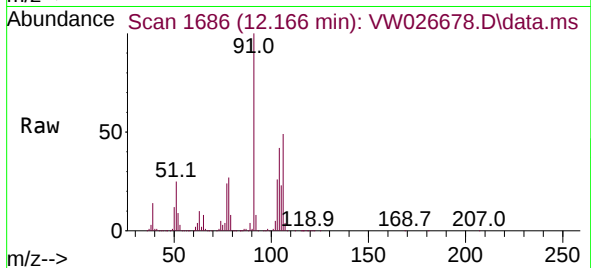




#54
o-Xylene
Concen: 25.822 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

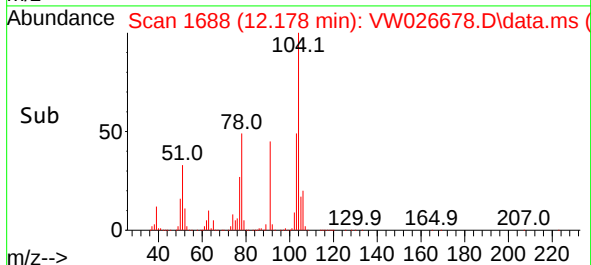
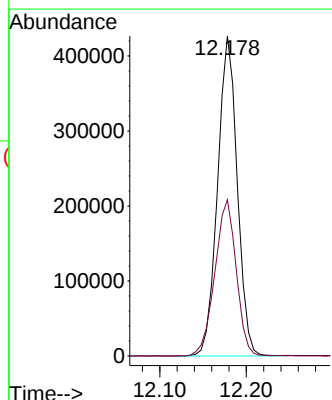
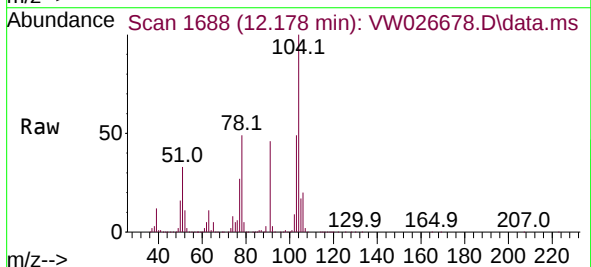
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

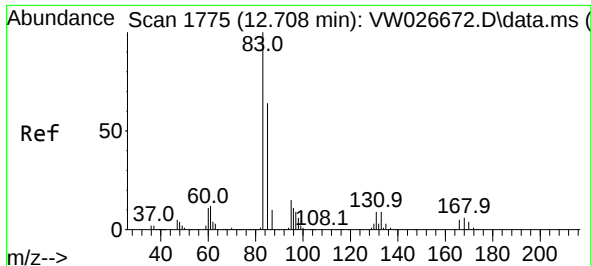
Tgt Ion:106 Resp: 378725
Ion Ratio Lower Upper
106 100
91 204.4 149.9 278.3



#55
Styrene
Concen: 26.350 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion:104 Resp: 671965
Ion Ratio Lower Upper
104 100
78 48.9 33.0 61.2





#57

1,1,2-Tetrachloroethane

Concen: 26.308 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

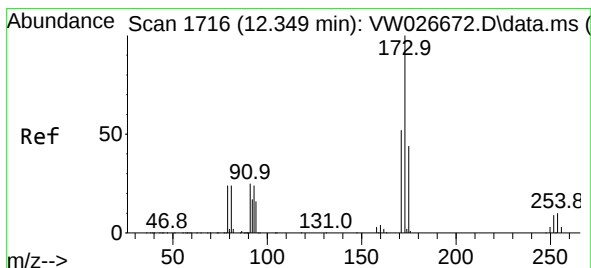
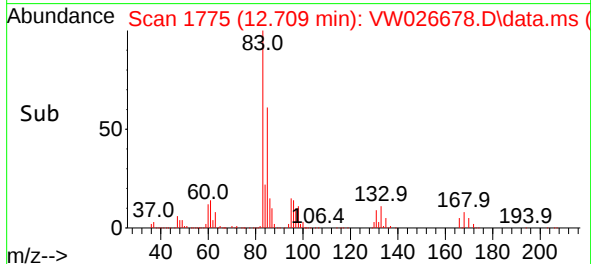
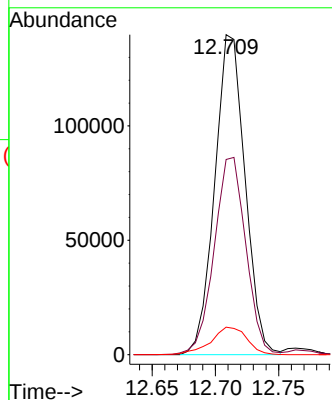
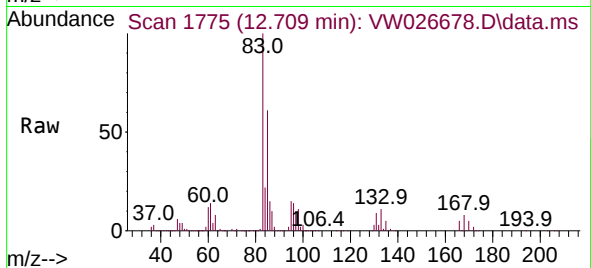
Tgt Ion: 83 Resp: 233387

Ion Ratio Lower Upper

83 100

85 61.0 44.9 83.3

131 8.6 7.4 11.0



#59

Bromoform

Concen: 24.384 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

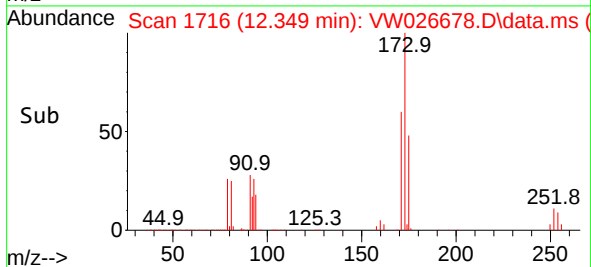
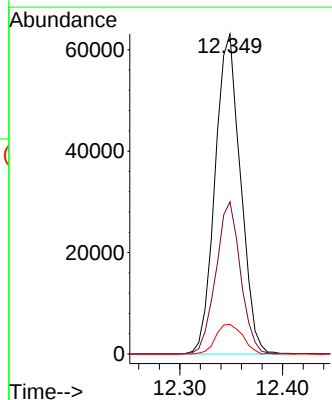
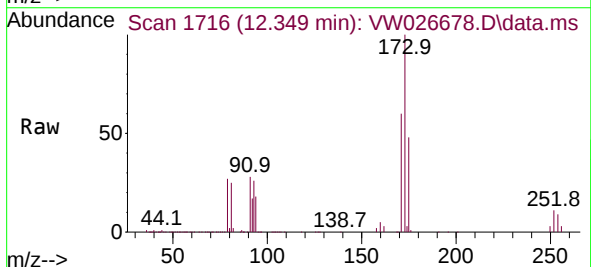
Tgt Ion:173 Resp: 108484

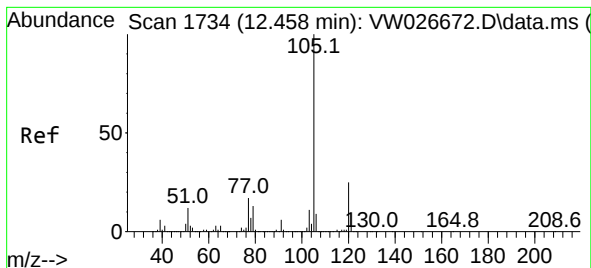
Ion Ratio Lower Upper

173 100

175 46.0 36.6 55.0

254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 24.300 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

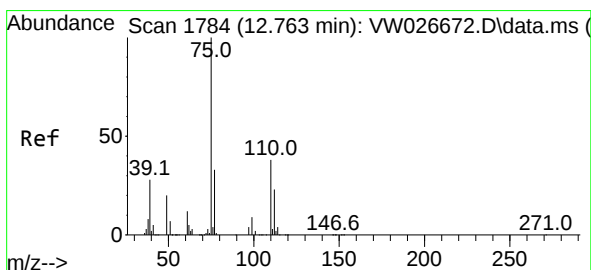
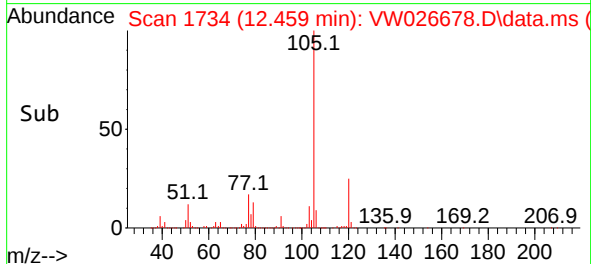
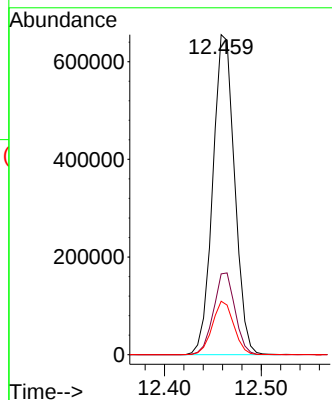
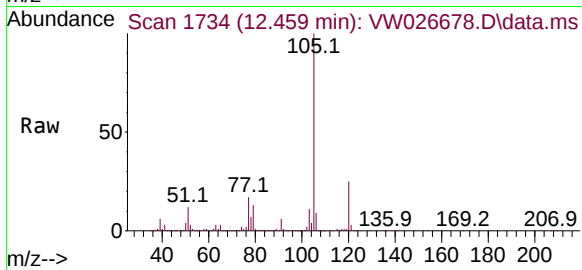
Tgt Ion:105 Resp: 1026049

Ion Ratio Lower Upper

105 100

120 25.3 21.0 31.6

77 16.5 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.414 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

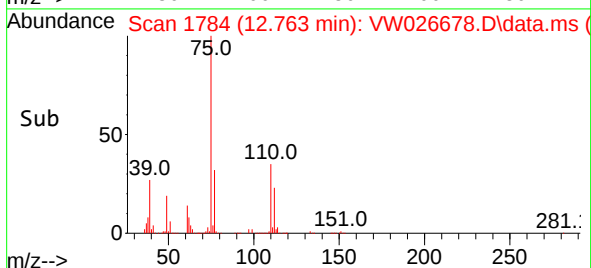
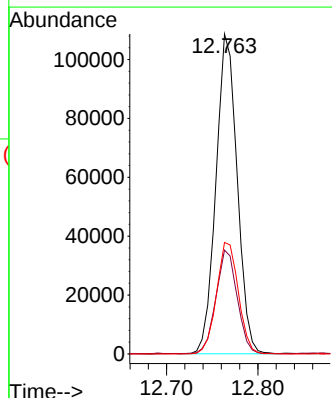
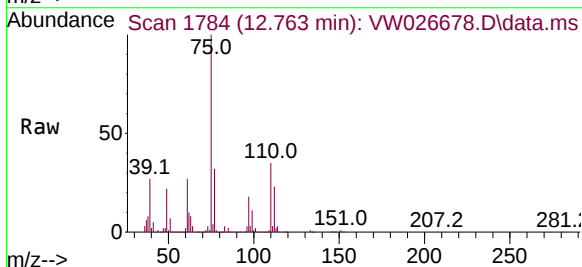
Tgt Ion: 75 Resp: 175079

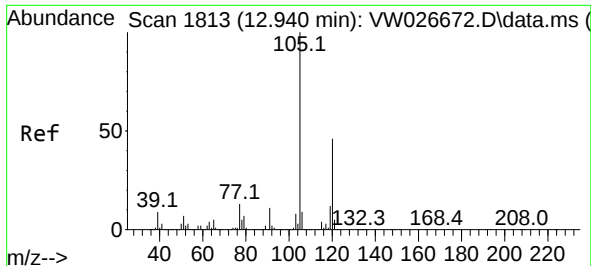
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

110 35.9 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 25.205 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

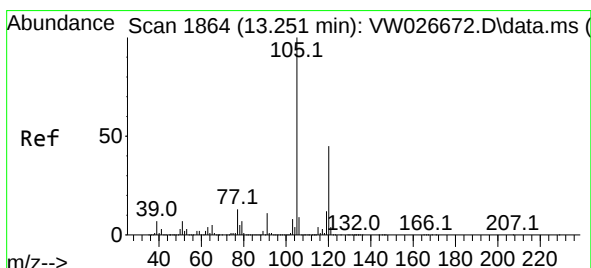
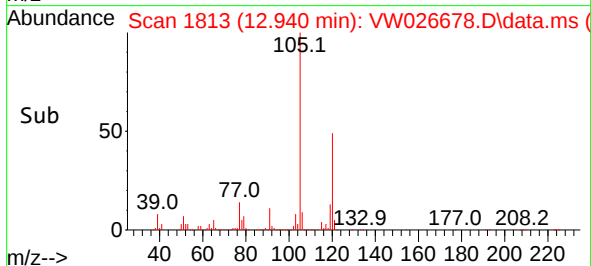
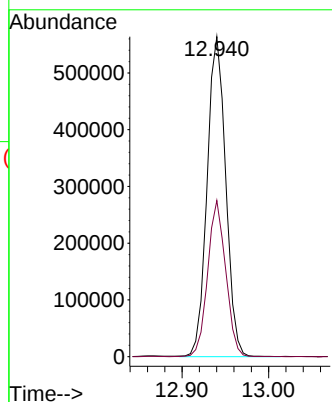
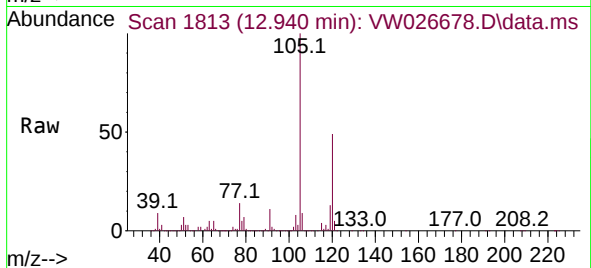
VSTD025573

Tgt Ion:105 Resp: 841209

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.961 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VW026678.D

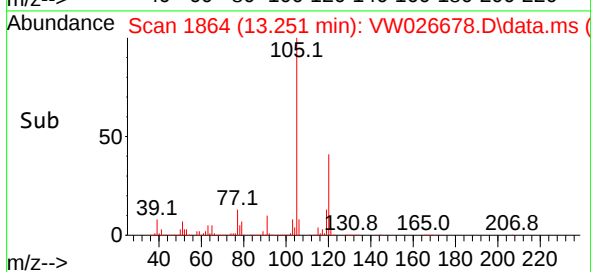
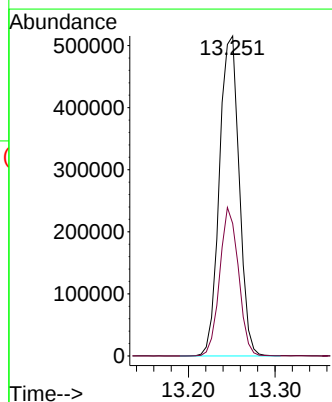
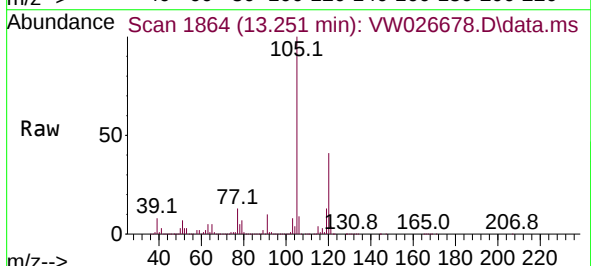
Acq: 10 Aug 2023 15:10

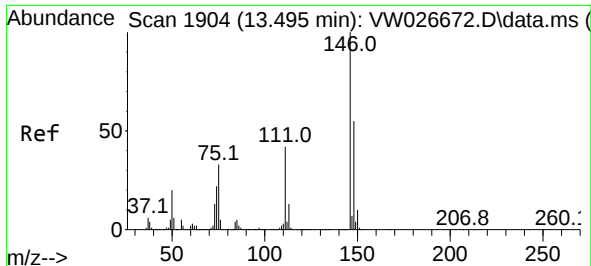
Tgt Ion:105 Resp: 816354

Ion Ratio Lower Upper

105 100

120 44.1 36.2 54.4

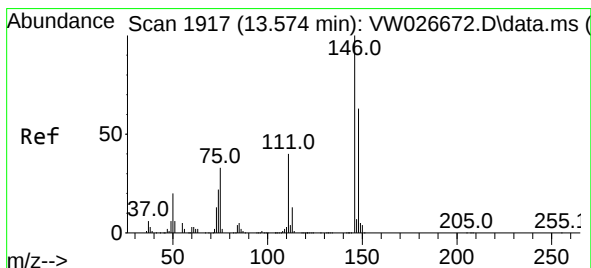
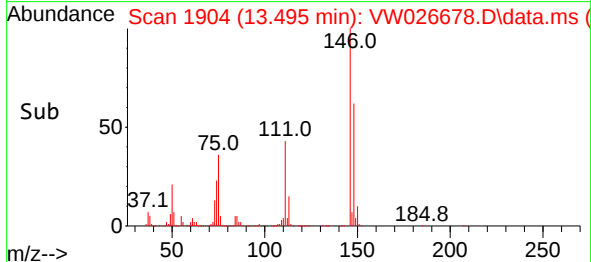
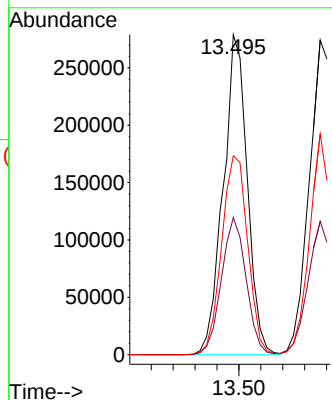
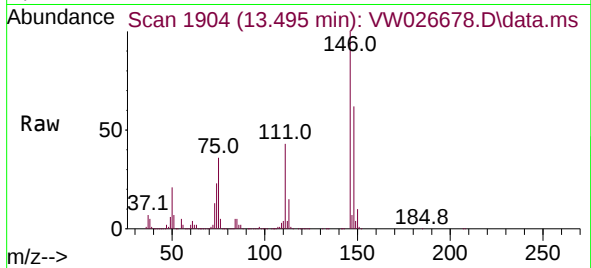




#64
1,3-Dichlorobenzene
Concen: 23.159 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

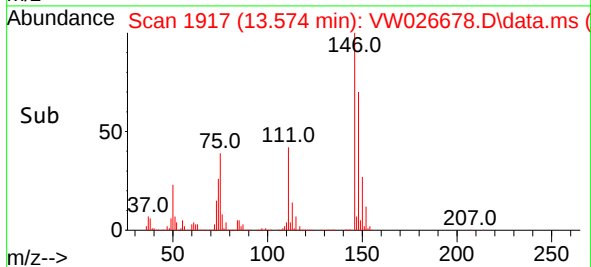
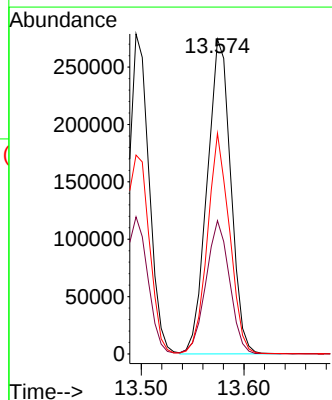
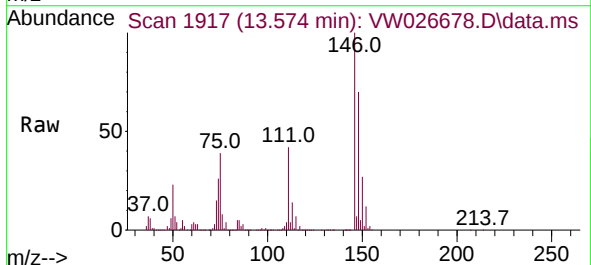
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

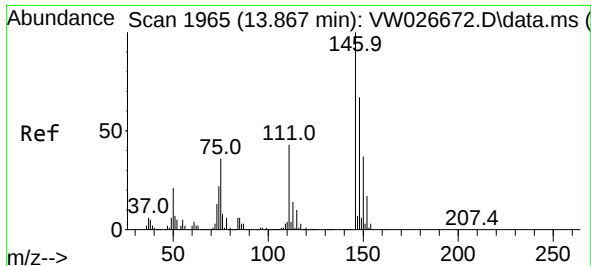
Tgt Ion:146 Resp: 425279
Ion Ratio Lower Upper
146 100
111 42.9 29.1 54.1
148 62.1 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 22.912 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026678.D
Acq: 10 Aug 2023 15:10

Tgt Ion:146 Resp: 439085
Ion Ratio Lower Upper
146 100
111 42.3 28.3 52.7
148 70.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.286 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

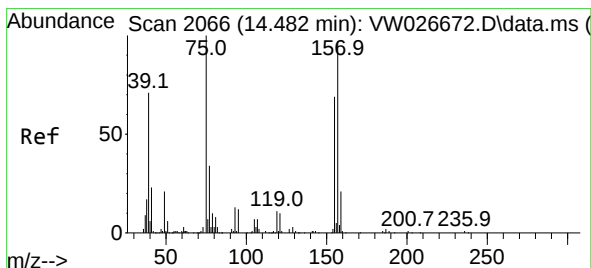
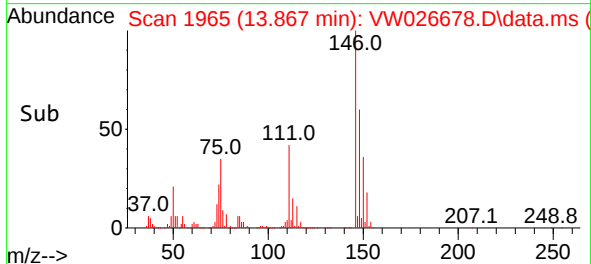
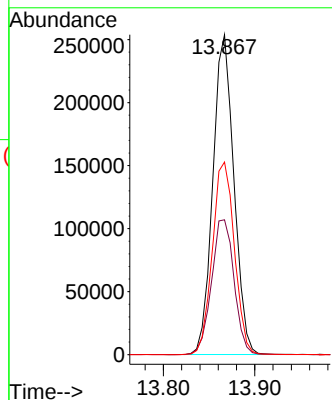
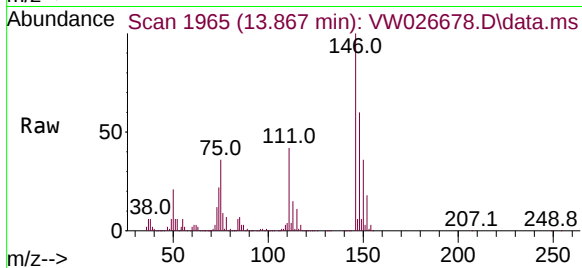
Tgt Ion:146 Resp: 405555

Ion Ratio Lower Upper

146 100

111 42.2 34.6 52.0

148 60.2 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.943 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

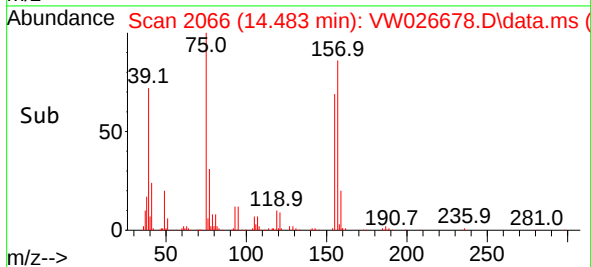
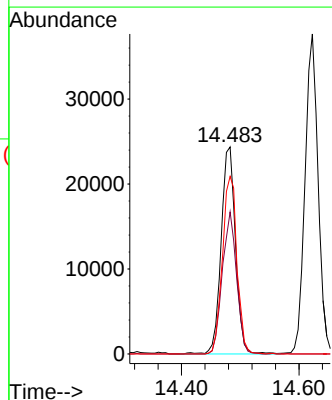
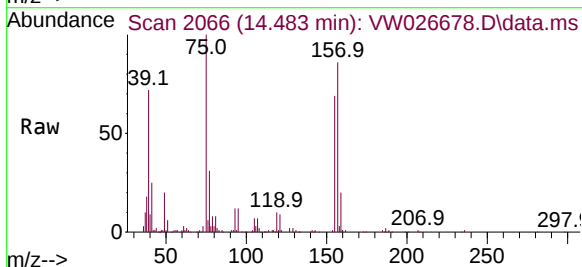
Tgt Ion: 75 Resp: 41426

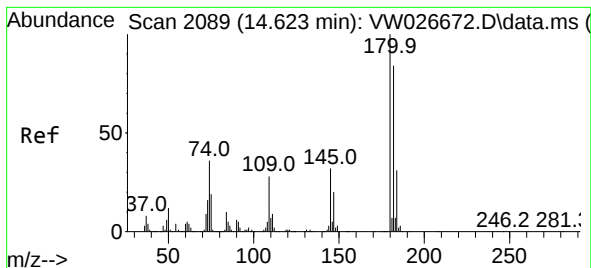
Ion Ratio Lower Upper

75 100

155 68.6 55.0 82.6

157 85.8 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 23.290 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

Tgt Ion:180 Resp: 288950

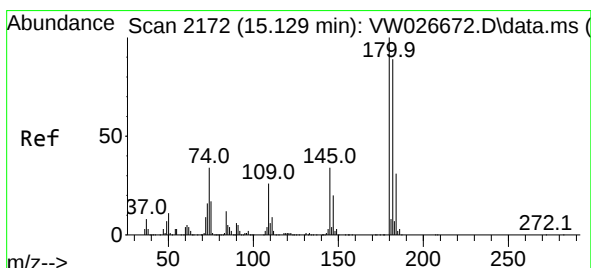
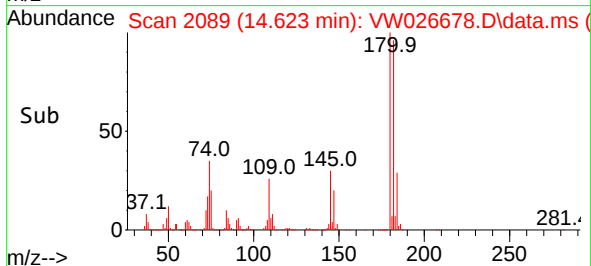
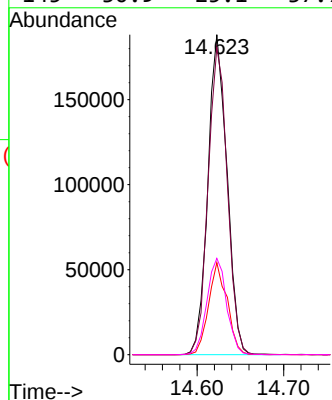
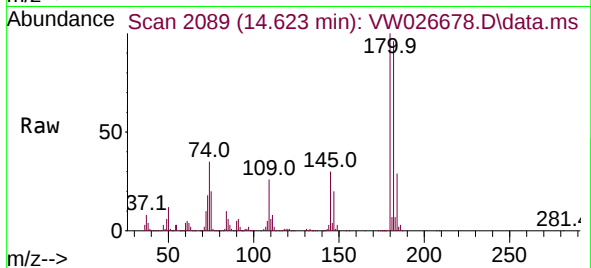
Ion Ratio Lower Upper

180 100

182 96.7 75.2 112.8

184 28.0 23.8 35.8

145 30.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 23.250 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

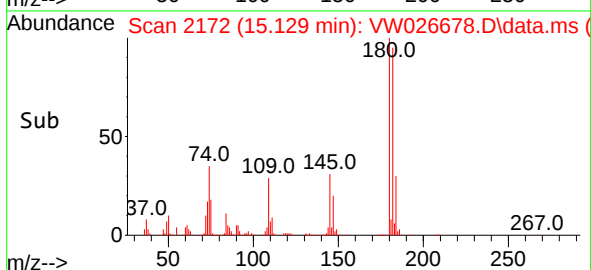
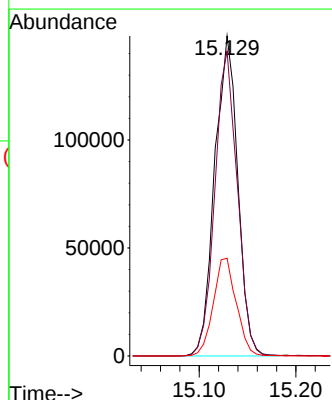
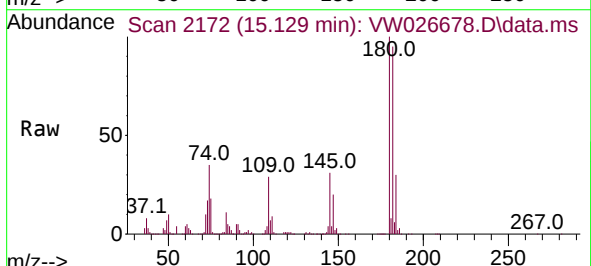
Tgt Ion:180 Resp: 244559

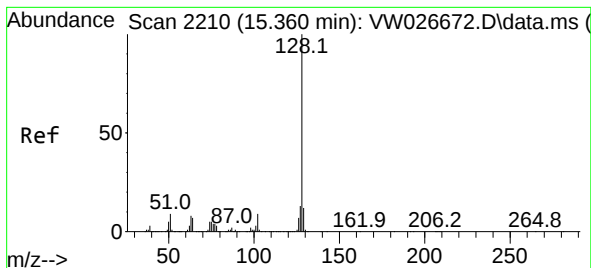
Ion Ratio Lower Upper

180 100

182 92.9 72.5 108.7

145 30.5 24.7 37.1





#71

Naphthalene

Concen: 25.878 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

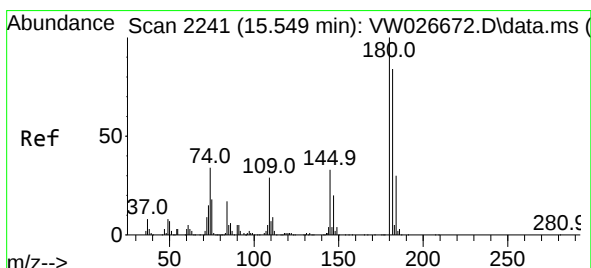
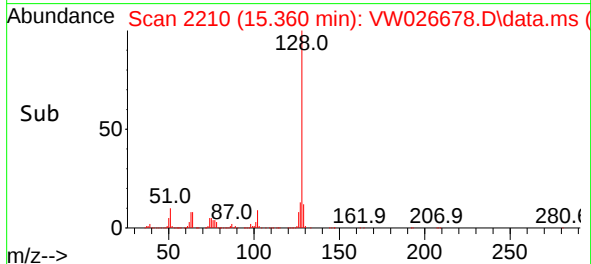
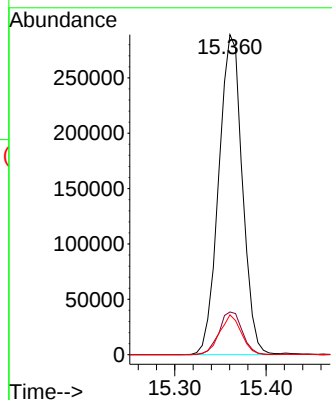
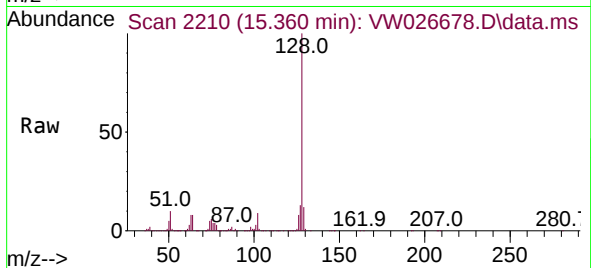
Tgt Ion:128 Resp: 519233

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.5 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.497 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026678.D

Acq: 10 Aug 2023 15:10

Tgt Ion:180 Resp: 232419

Ion Ratio Lower Upper

180 100

182 95.0 74.6 112.0

145 34.1 27.0 40.6

