

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081523\
 Data File : VW026744.D
 Acq On : 15 Aug 2023 10:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Aug 16 01:27:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 14 23:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	532338	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	522532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	170010	19.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.720%
7) Chloroethane-d5	2.893	69	136302	20.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	4.027	65	103091	23.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.800%
21) 2-Butanone-d5	7.075	46	121174	48.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.360%
24) Chloroform-d	7.648	84	478872	26.802	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	8.307	65	258657	26.233	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.920%
32) Benzene-d6	8.276	84	943622	26.203	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	9.270	67	295398	26.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	10.319	98	836373	27.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.240%
43) trans-1,3-Dichloroprop...	10.575	79	120371	25.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.960%
47) 2-Hexanone-d5	10.922	63	62801	53.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235281	26.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	13.854	152	261581	25.929	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	184509	25.492	ug/L	# 84
3) Chloromethane	2.229	50	200296	20.238	ug/L	97
5) Vinyl chloride	2.375	62	212690	22.480	ug/L	98
6) Bromomethane	2.789	94	120170	21.800	ug/L	99
8) Chloroethane	2.930	64	121548	21.441	ug/L	99
9) Trichlorofluoromethane	3.259	101	172693	22.241	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	216307	25.791	ug/L	91
12) 1,1-Dichloroethene	4.045	96	205486	26.116	ug/L	100
13) Acetone	4.125	43	136560	54.605	ug/L	94
14) Carbon disulfide	4.393	76	702125	24.804	ug/L	99
15) Methyl Acetate	4.673	43	116341	23.224	ug/L	99
16) Methylene chloride	4.917	84	246389	23.927	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	219601	25.011	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	332184	25.004	ug/L	99
19) 1,1-Dichloroethane	6.216	63	454728	25.163	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	233904	24.784	ug/L	96
22) 2-Butanone	7.173	43	176208	47.811	ug/L	99
23) Bromochloromethane	7.514	128	100726	24.707	ug/L	96
25) Chloroform	7.673	83	422547	24.203	ug/L	100

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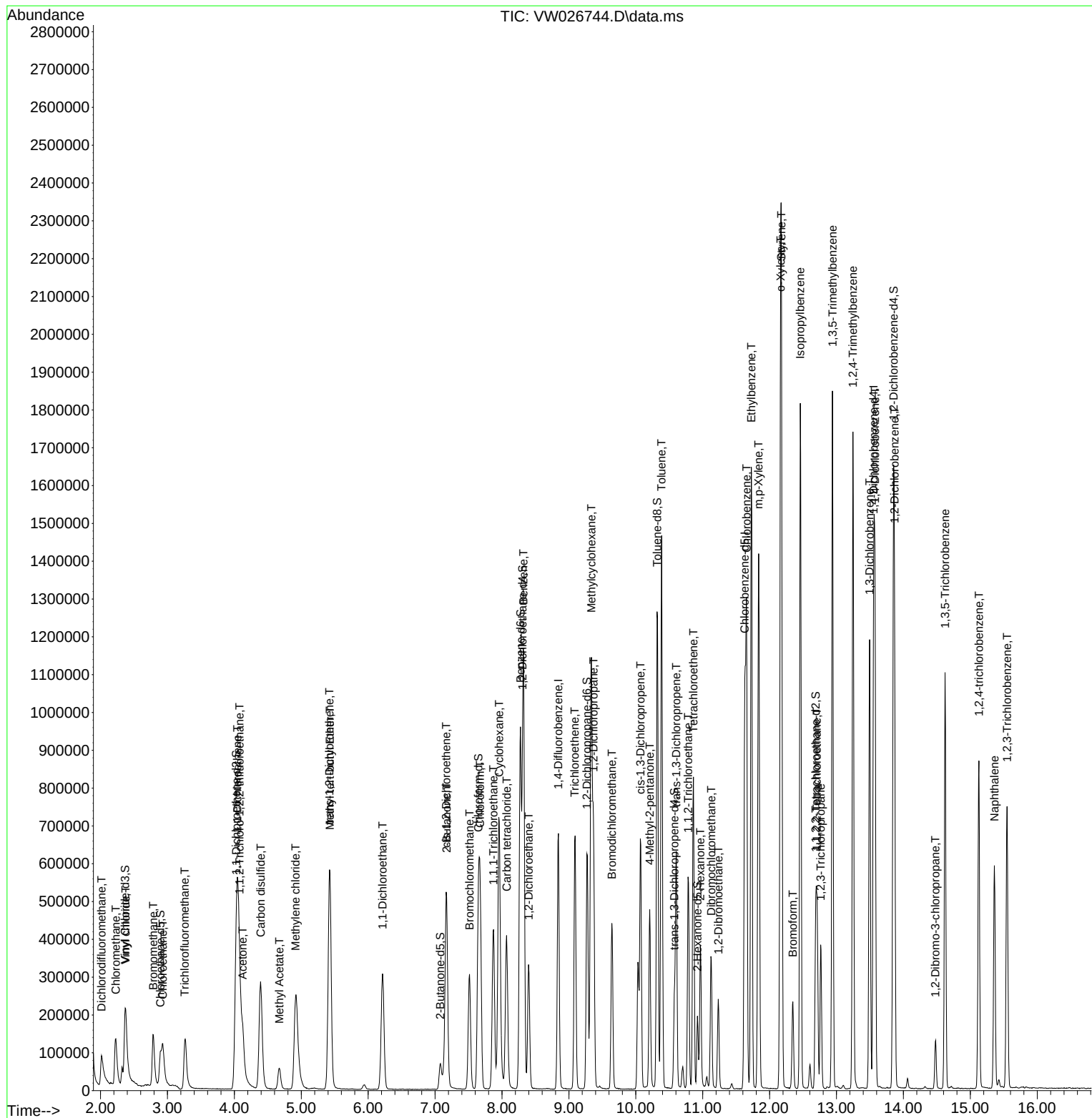
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	300256	24.653	ug/L	99
29) Cyclohexane	7.959	56	426981	26.423	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	348272	25.538	ug/L	99
31) Carbon tetrachloride	8.069	117	310318	24.887	ug/L	94
33) Benzene	8.319	78	962709	25.300	ug/L	100
34) Trichloroethene	9.087	95	240504	24.816	ug/L	93
35) Methylcyclohexane	9.337	83	441284	26.616	ug/L	100
37) 1,2-Dichloropropane	9.367	63	261583	25.097	ug/L	99
38) Bromodichloromethane	9.642	83	300119	24.545	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	392933	26.206	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	324015	47.792	ug/L	99
42) Toluene	10.386	91	990324	25.727	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	330686	25.623	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	171678	24.084	ug/L	98
46) Tetrachloroethene	10.861	164	177516	25.212	ug/L	95
48) 2-Hexanone	10.965	43	252038	54.634	ug/L	98
49) Dibromochloromethane	11.129	129	185053	24.821	ug/L	84
50) 1,2-Dibromoethane	11.233	107	159191	23.801	ug/L	93
51) Chlorobenzene	11.654	112	608910	25.043	ug/L	99
52) Ethylbenzene	11.727	91	1138747	26.380	ug/L	98
53) m,p-Xylene	11.837	106	419038	26.204	ug/L	89
54) o-Xylene	12.166	106	393010	26.332	ug/L	99
55) Styrene	12.178	104	697074	26.861	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	214145	23.721	ug/L	96
59) Bromoform	12.349	173	104973	23.774	ug/L #	98
60) Isopropylbenzene	12.458	105	1086395	25.925	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	158956	23.249	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	917341	27.695	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	892088	27.484	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	454477	24.937	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	464918	24.444	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	411587	24.835	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	35444	21.504	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	306602	24.901	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	257736	24.689	ug/L	97
71) Naphthalene	15.360	128	478987	24.054	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	237911	25.267	ug/L	99

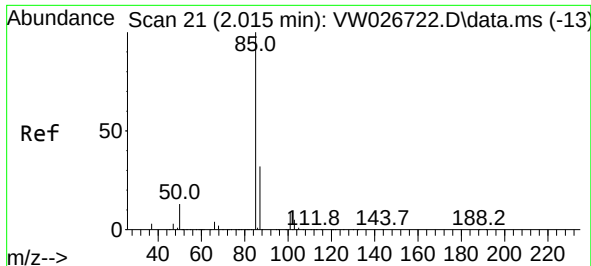
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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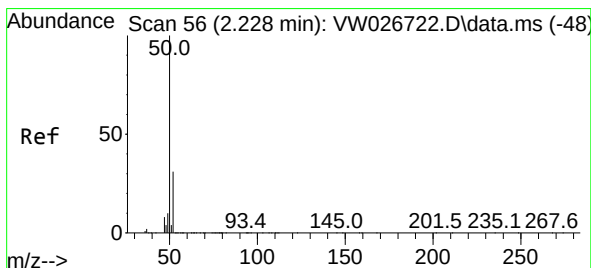
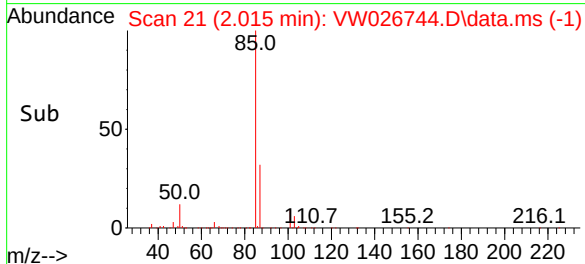
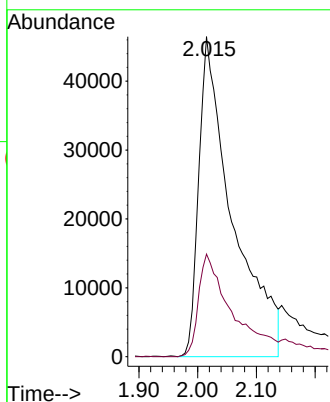
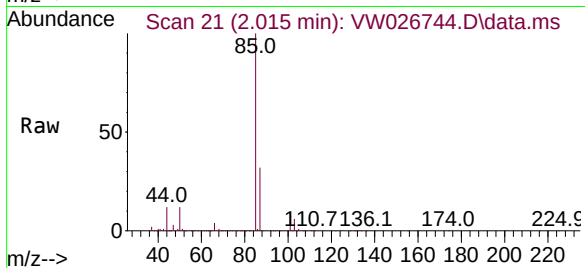




#2
 Dichlorodifluoromethane
 Concen: 25.492 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

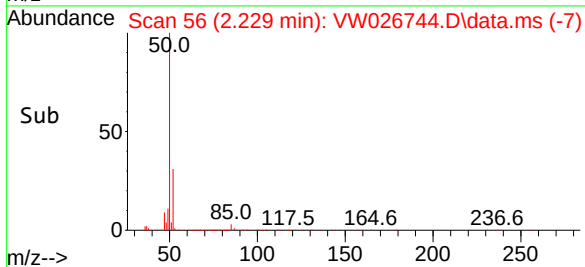
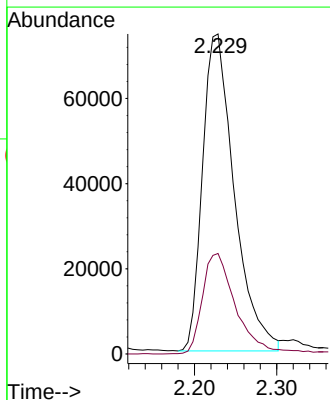
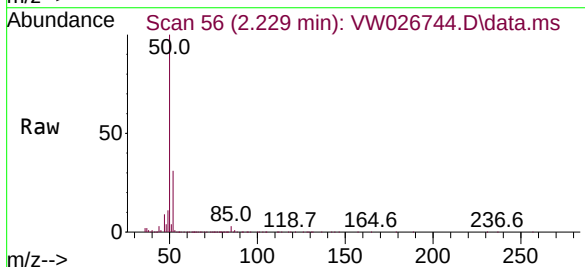
Instrument :
 MSVOA_W
 ClientSampleId :
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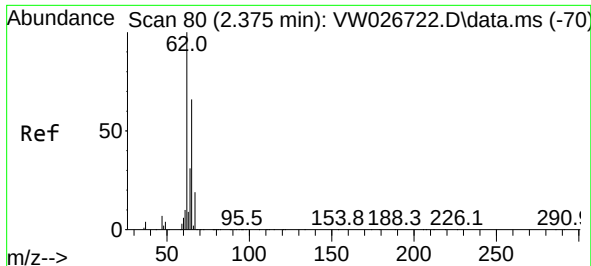
Tgt Ion: 85 Resp: 184509
 Ion Ratio Lower Upper
 85 100
 87 32.2 19.5 29.3#



#3
 Chloromethane
 Concen: 20.238 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

Tgt Ion: 50 Resp: 200296
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.0 42.8

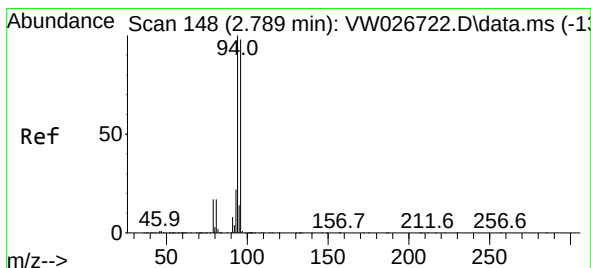
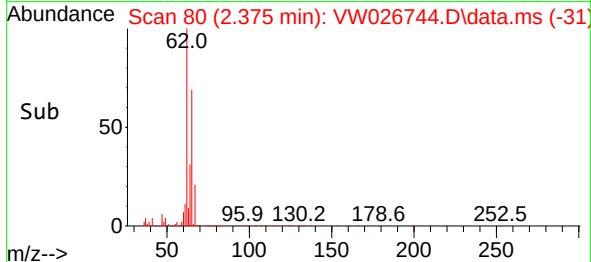
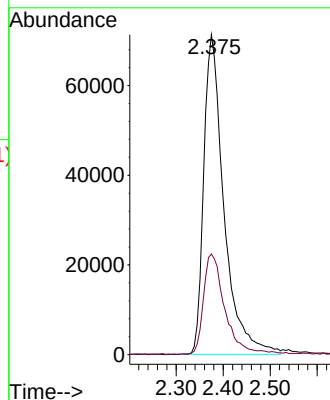
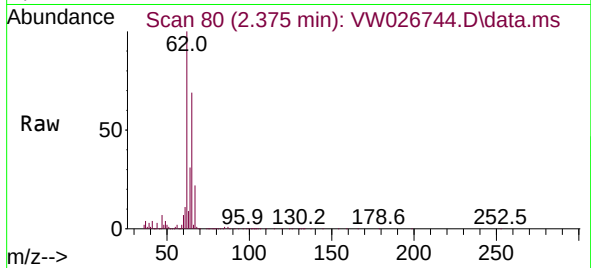




#5
 Vinyl chloride
 Concen: 22.480 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

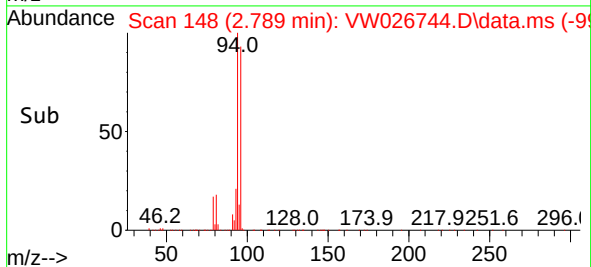
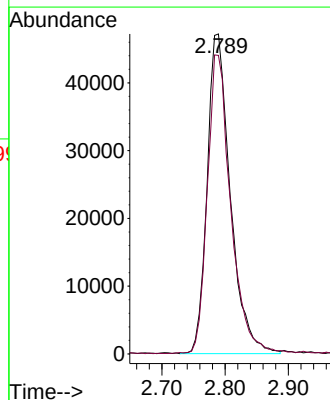
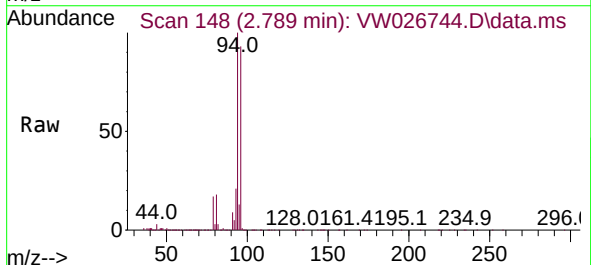
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 ClientSampleId :
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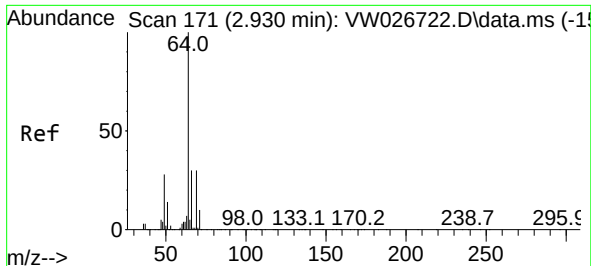
Tgt Ion: 62 Resp: 212690
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.3



#6
 Bromomethane
 Concen: 21.800 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

Tgt Ion: 94 Resp: 120170
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.8 120.3

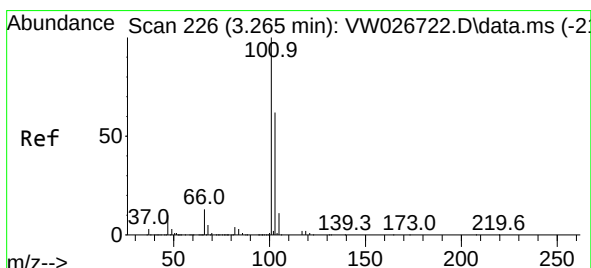
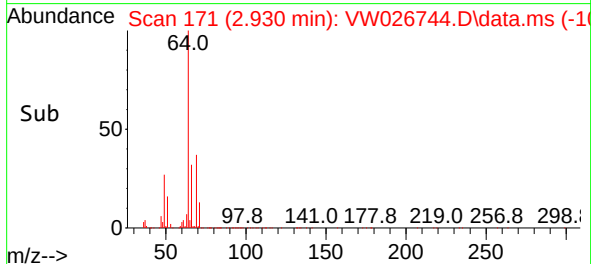
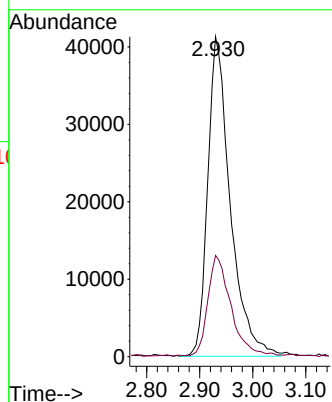
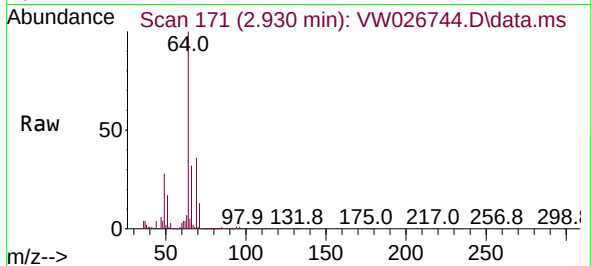




#8
Chloroethane
Concen: 21.441 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

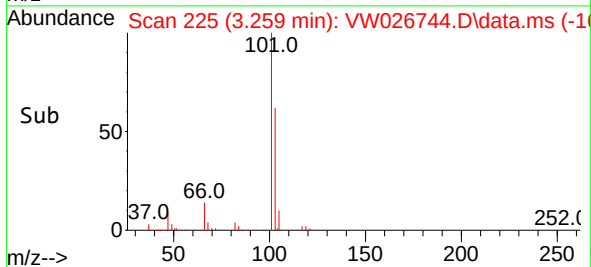
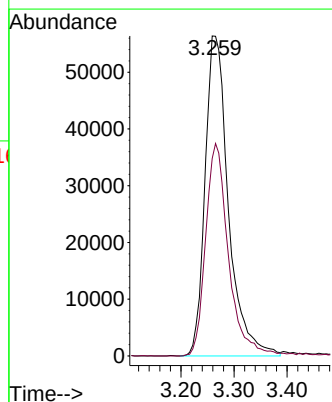
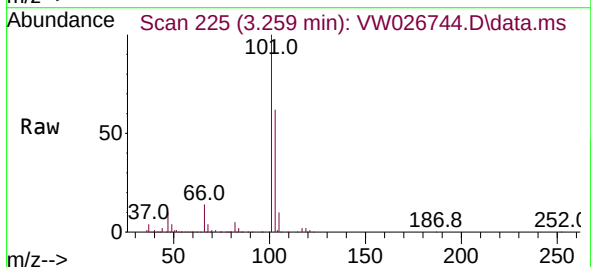
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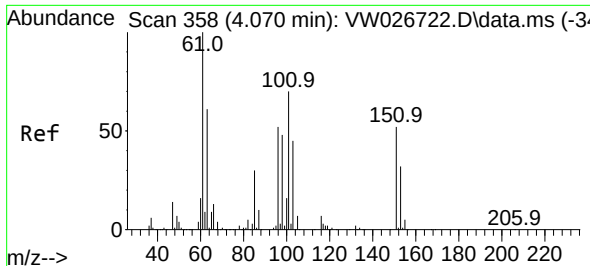
Tgt Ion: 64 Resp: 121548
Ion Ratio Lower Upper
64 100
66 31.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.241 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 101 Resp: 172693
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9

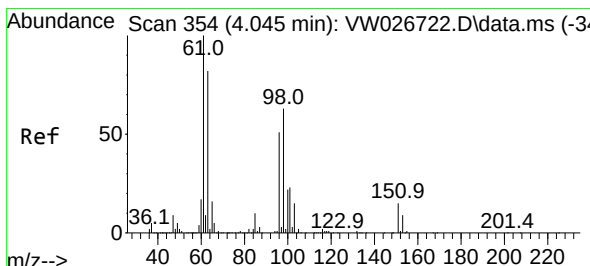
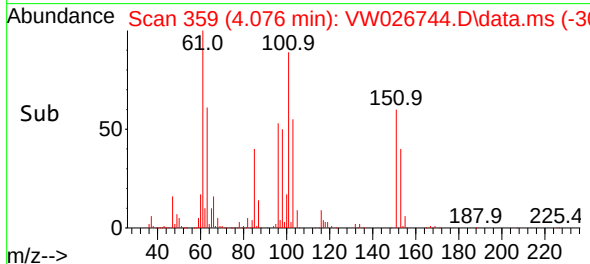
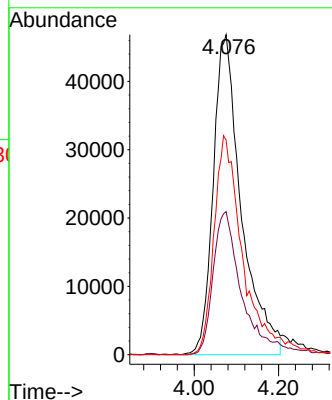
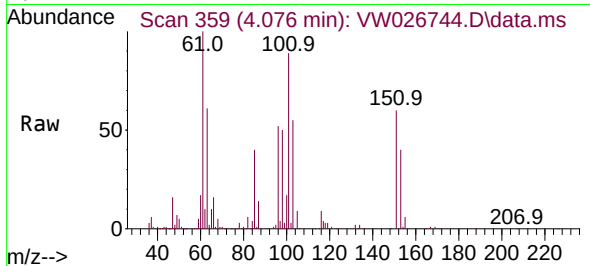




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.791 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

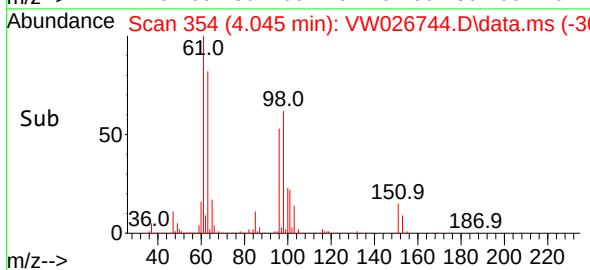
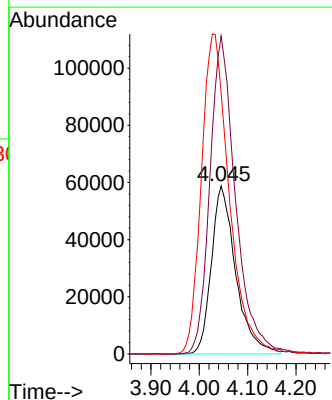
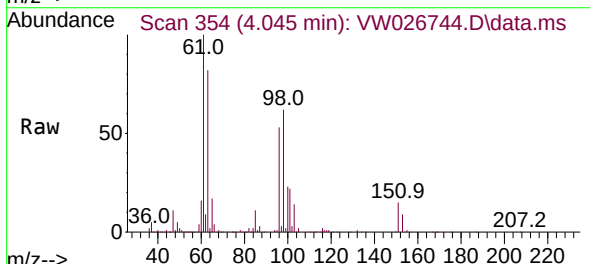
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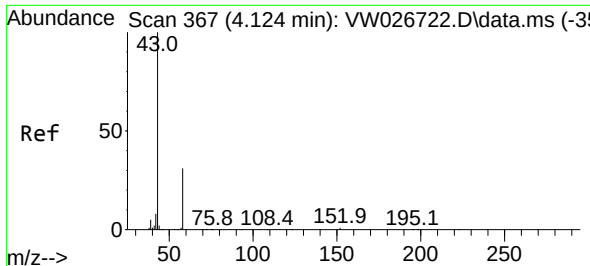
Tgt Ion:101 Resp: 216307
 Ion Ratio Lower Upper
 101 100
 85 43.6 32.8 49.2
 151 57.8 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 26.116 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

Tgt Ion: 96 Resp: 205486
 Ion Ratio Lower Upper
 96 100
 61 189.4 133.2 247.4
 63 155.3 109.0 202.4

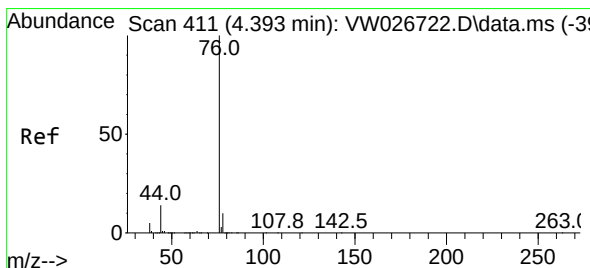
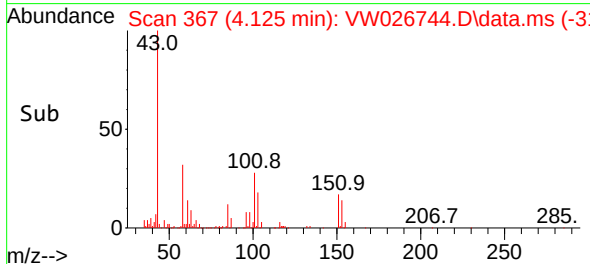
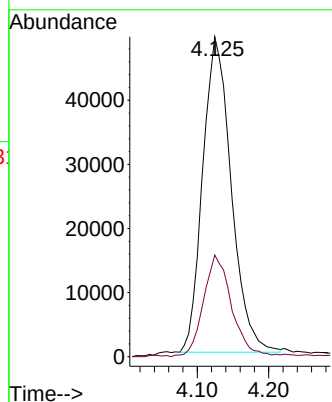
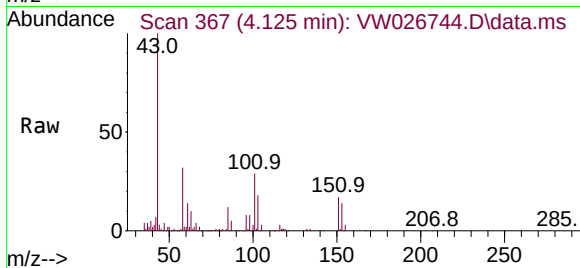




#13
Acetone
Concen: 54.605 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

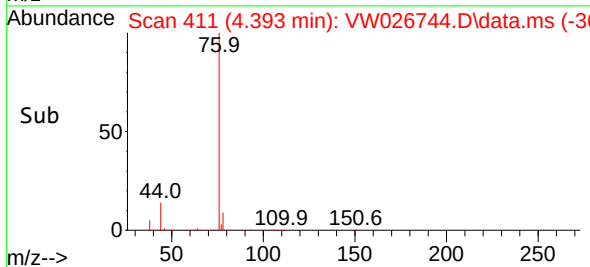
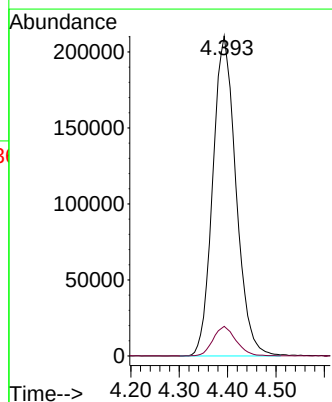
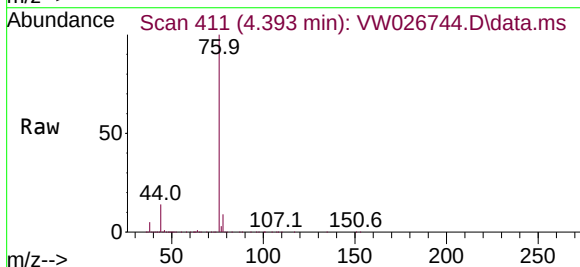
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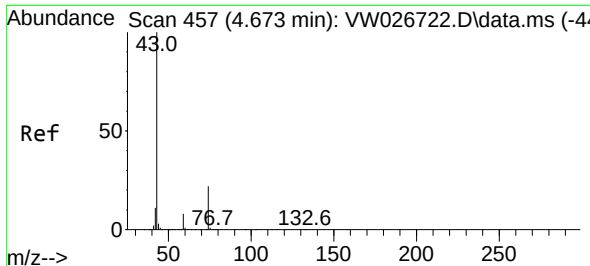
Tgt Ion: 43 Resp: 136560
Ion Ratio Lower Upper
43 100
58 31.6 0.0 57.4



#14
Carbon disulfide
Concen: 24.804 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 702125
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

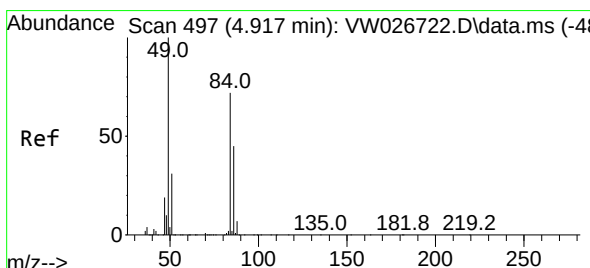
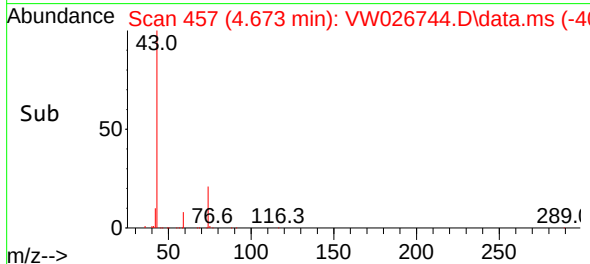
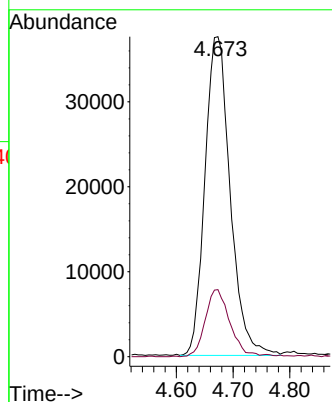
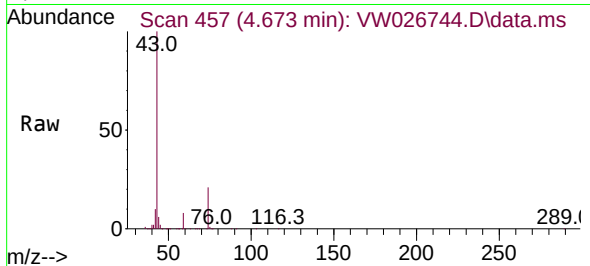




#15
Methyl Acetate
Concen: 23.224 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

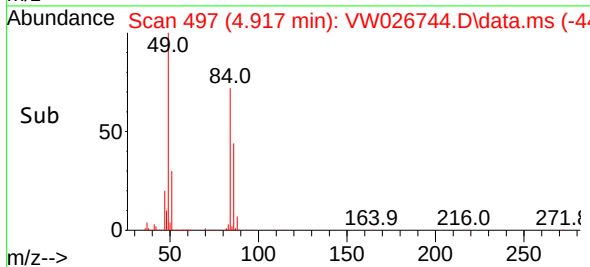
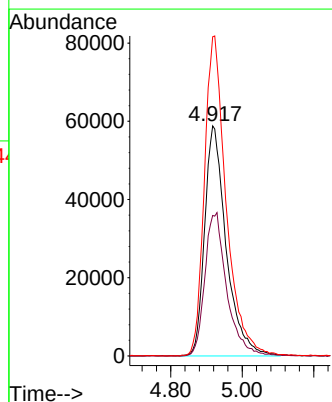
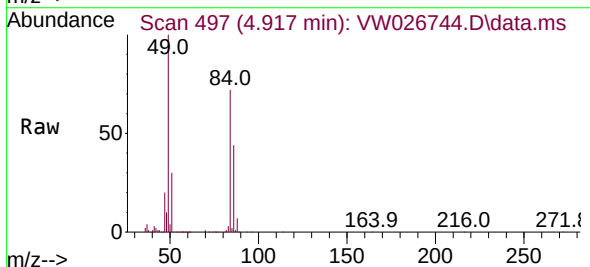
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

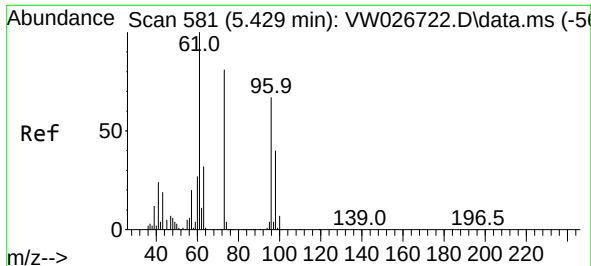
Tgt Ion: 43 Resp: 116341
Ion Ratio Lower Upper
43 100
74 20.0 16.4 24.6



#16
Methylene chloride
Concen: 23.927 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 84 Resp: 246389
Ion Ratio Lower Upper
84 100
86 61.0 43.5 80.9
49 138.8 96.0 178.2

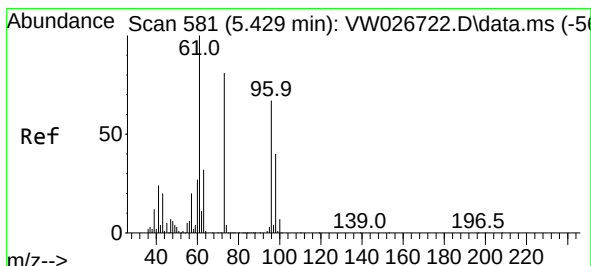
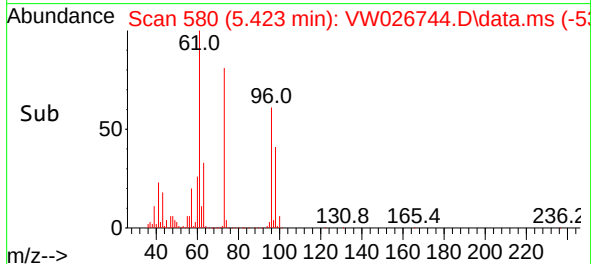
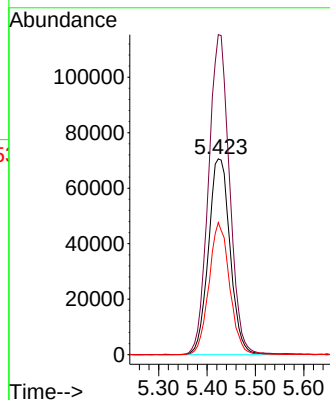
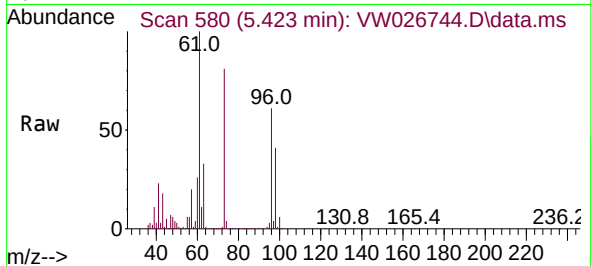




#17
trans-1,2-Dichloroethene
Concen: 25.011 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

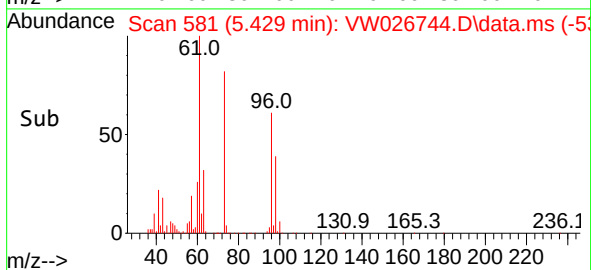
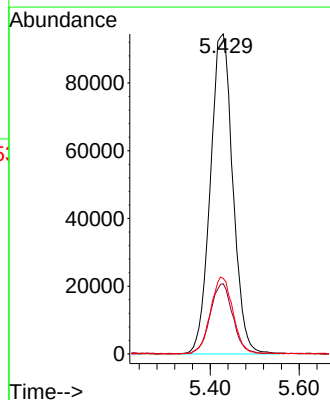
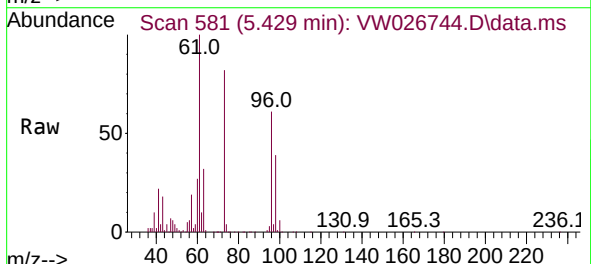
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

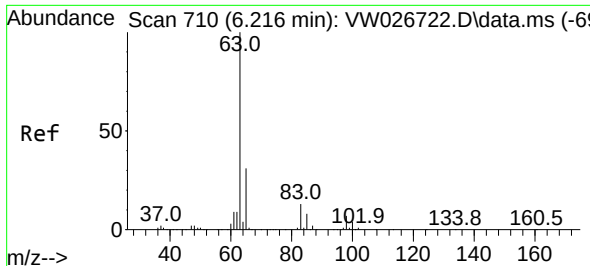
Tgt Ion: 96 Resp: 219601
Ion Ratio Lower Upper
96 100
61 163.4 109.4 203.2
98 67.5 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 25.004 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 73 Resp: 332184
Ion Ratio Lower Upper
73 100
43 21.9 18.0 27.0
57 23.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.163 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

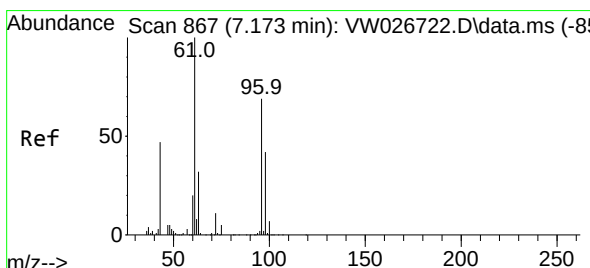
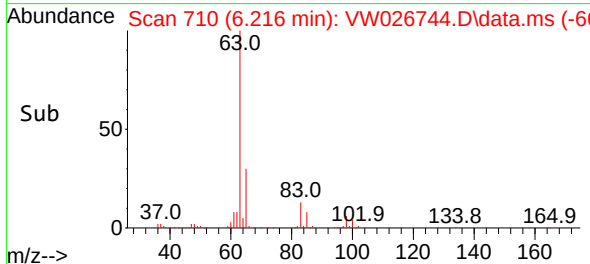
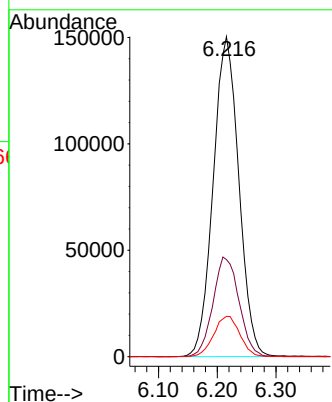
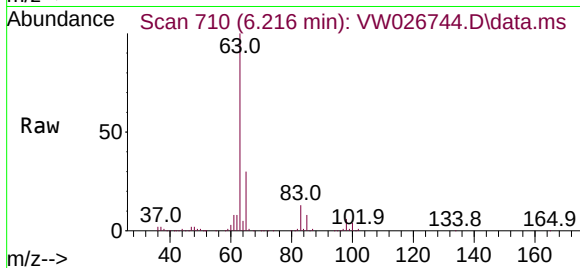
Tgt Ion: 63 Resp: 454728

Ion Ratio Lower Upper

63 100

65 30.4 21.8 40.6

83 12.6 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.784 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

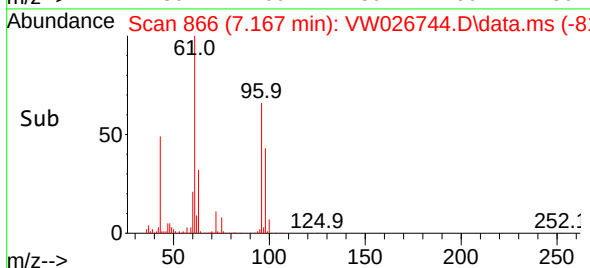
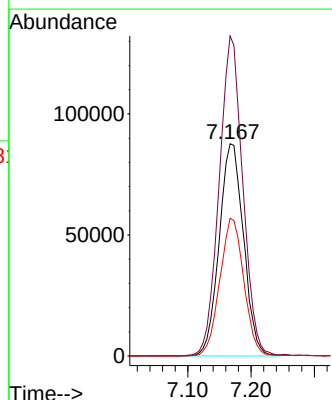
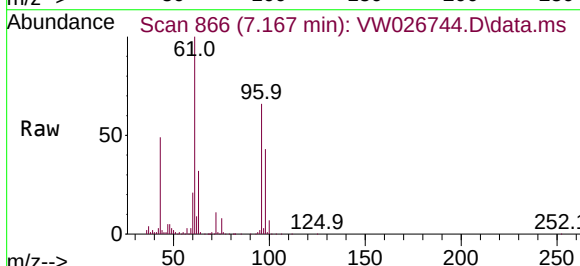
Tgt Ion: 96 Resp: 233904

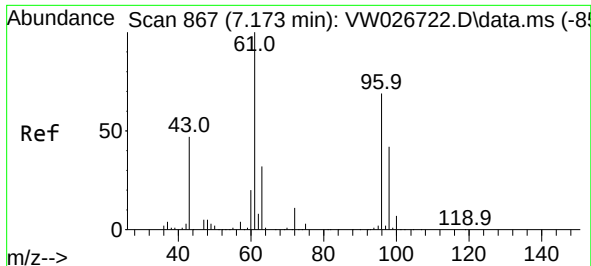
Ion Ratio Lower Upper

96 100

61 150.8 101.2 188.0

98 65.0 43.8 81.3

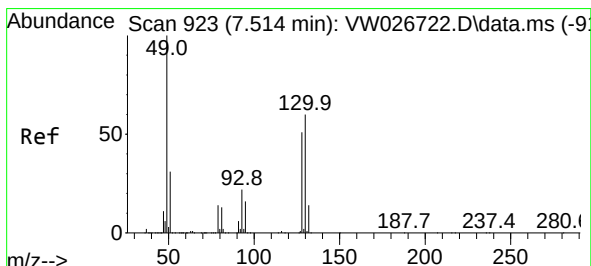
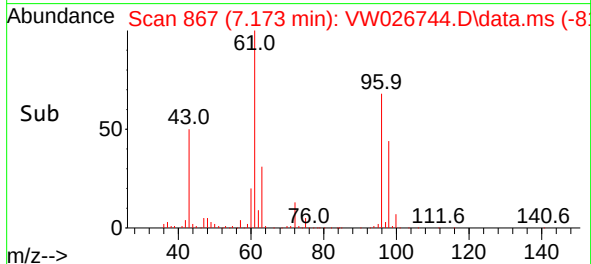
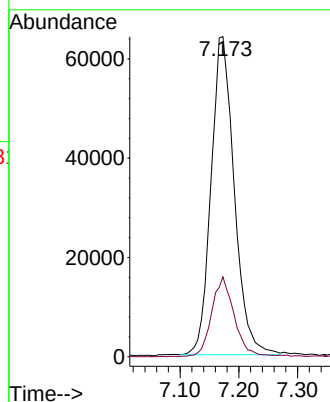
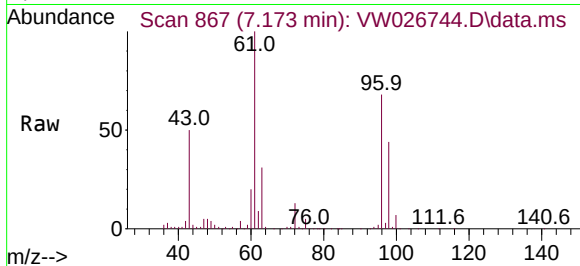




#22
2-Butanone
Concen: 47.811 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

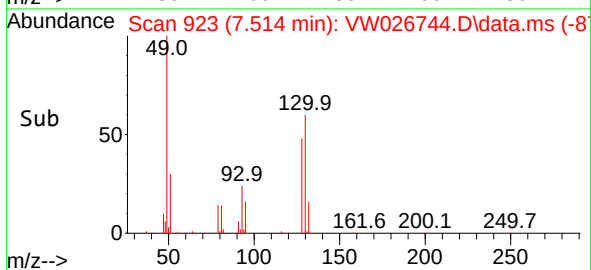
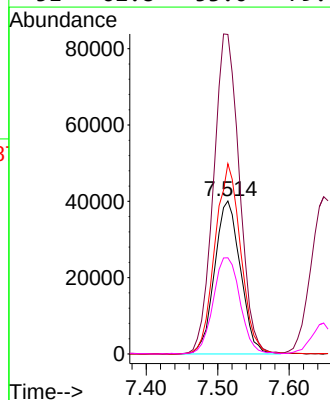
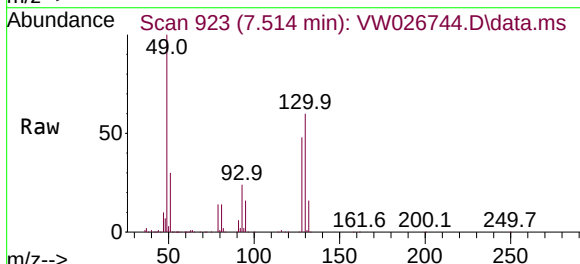
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

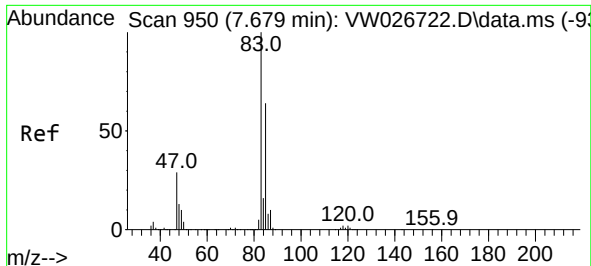
Tgt Ion: 43 Resp: 176208
Ion Ratio Lower Upper
43 100
72 24.3 11.8 35.4



#23
Bromochloromethane
Concen: 24.707 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 128 Resp: 100726
Ion Ratio Lower Upper
128 100
49 208.8 143.1 265.7
130 124.3 91.8 170.4
51 62.8 53.0 79.4

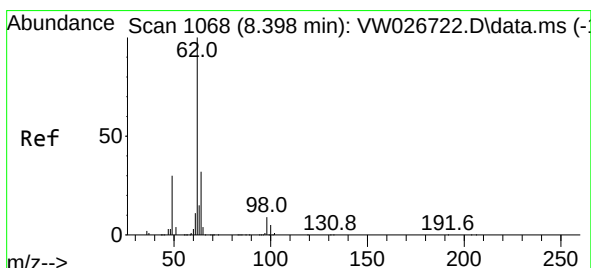
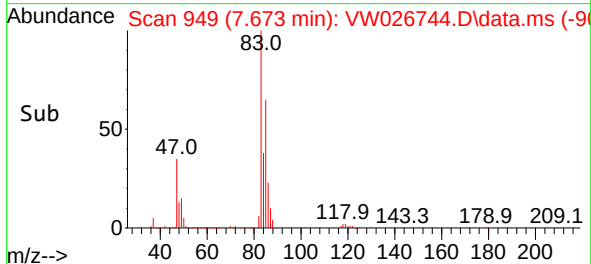
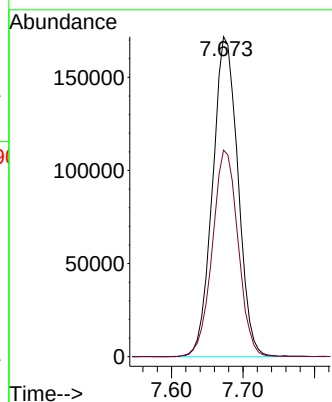
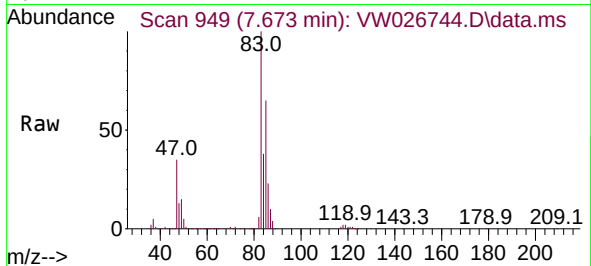




#25
Chloroform
Concen: 24.203 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

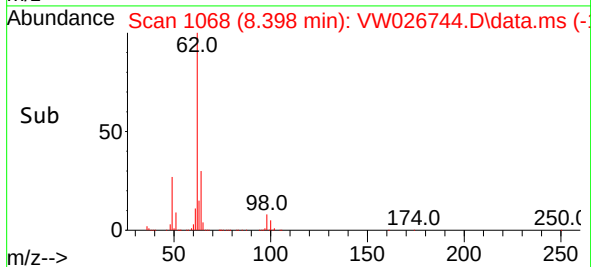
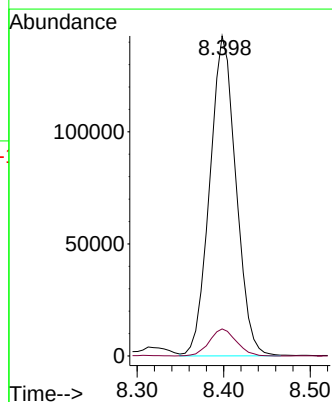
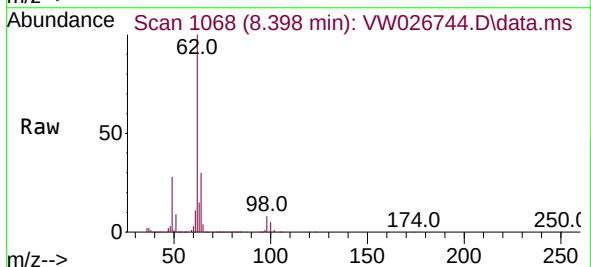
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

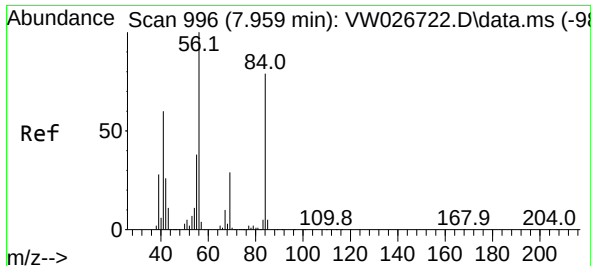
Tgt Ion: 83 Resp: 422547
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 24.653 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 62 Resp: 300256
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 26.423 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

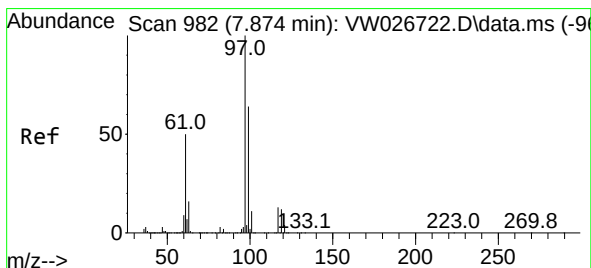
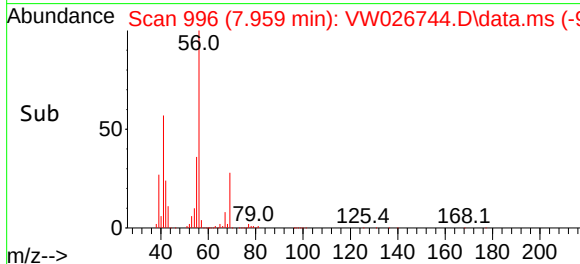
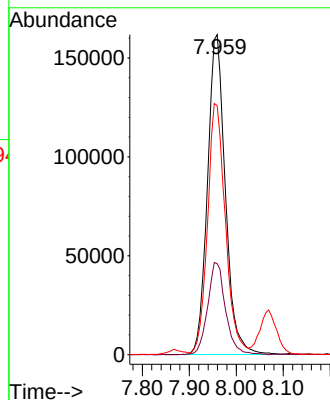
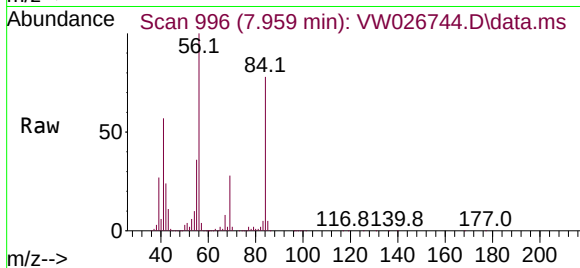
Tgt Ion: 56 Resp: 426981

Ion Ratio Lower Upper

56 100

69 28.5 23.2 34.8

84 78.4 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 25.538 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

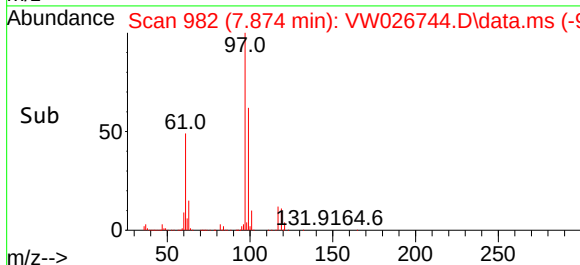
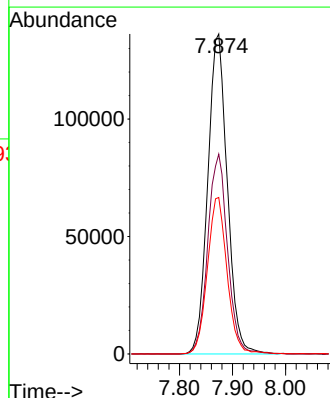
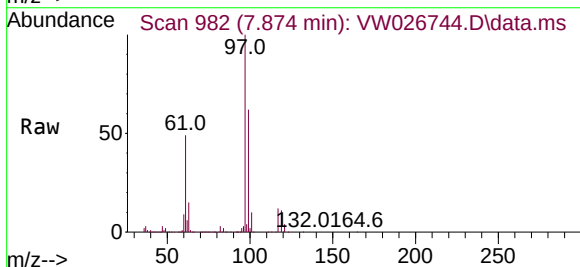
Tgt Ion: 97 Resp: 348272

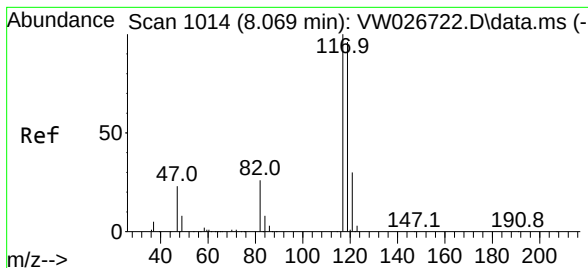
Ion Ratio Lower Upper

97 100

99 63.1 51.2 76.8

61 49.1 39.2 58.8

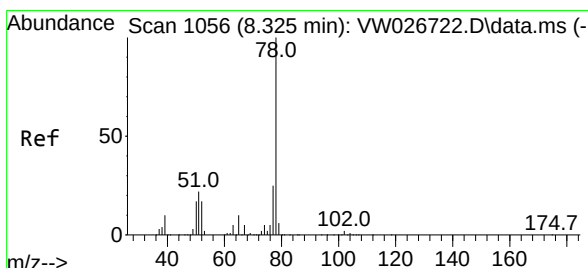
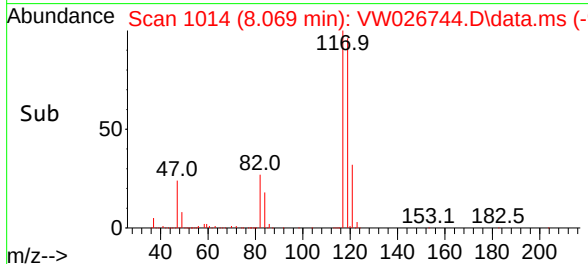
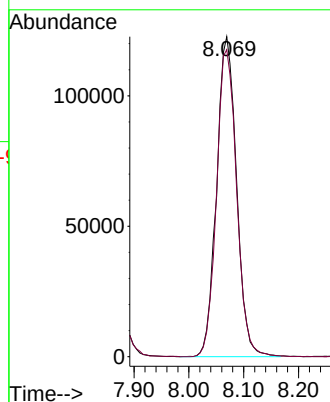
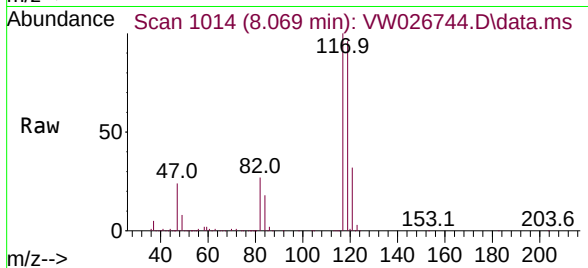




#31
Carbon tetrachloride
Concen: 24.887 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

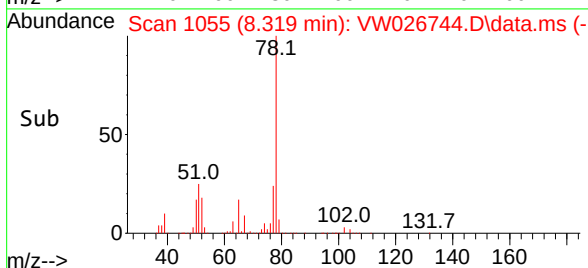
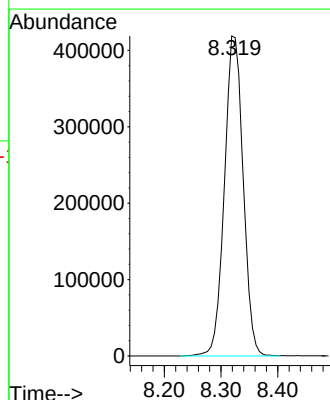
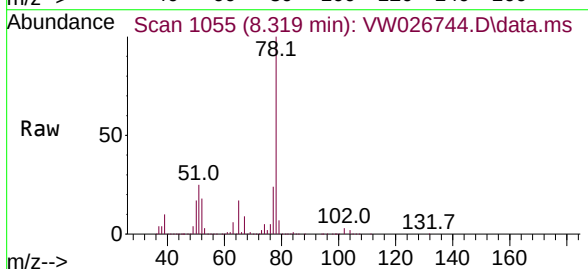
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

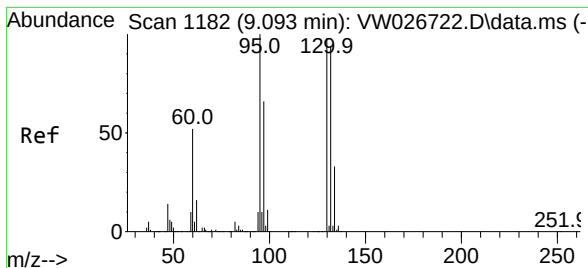
Tgt Ion:117 Resp: 310318
Ion Ratio Lower Upper
117 100
119 96.9 73.0 109.4



#33
Benzene
Concen: 25.300 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 78 Resp: 962709





#34

Trichloroethene

Concen: 24.816 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

Tgt Ion: 95 Resp: 240504

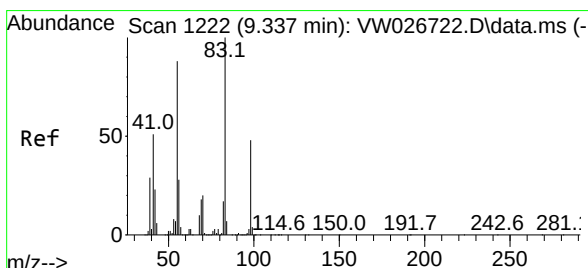
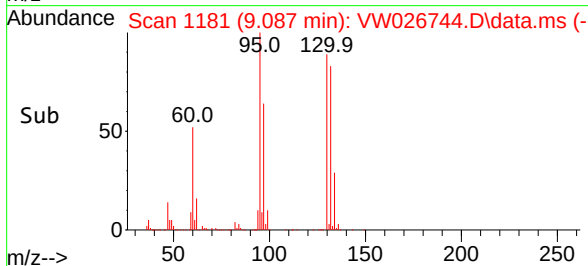
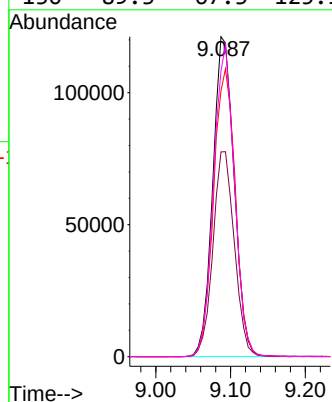
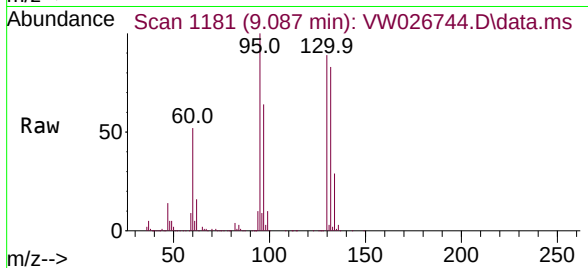
Ion Ratio Lower Upper

95 100

97 64.0 44.6 82.8

132 83.1 66.4 123.2

130 89.3 67.3 125.1



#35

Methylcyclohexane

Concen: 26.616 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

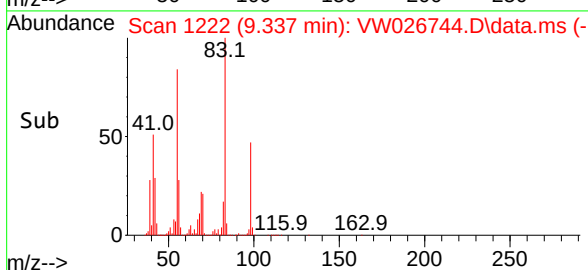
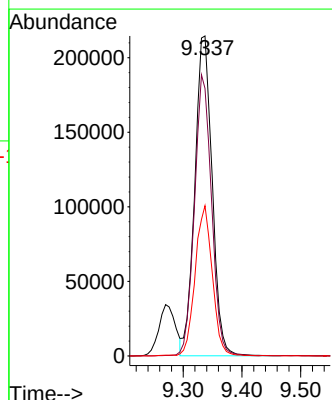
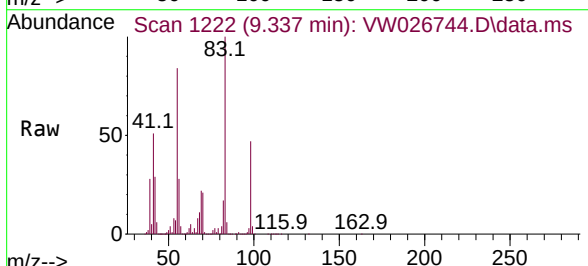
Tgt Ion: 83 Resp: 441284

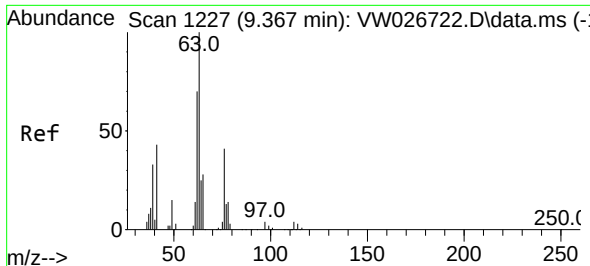
Ion Ratio Lower Upper

83 100

55 86.2 69.3 103.9

98 46.4 37.4 56.0

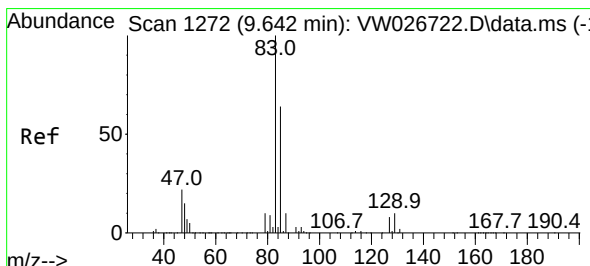
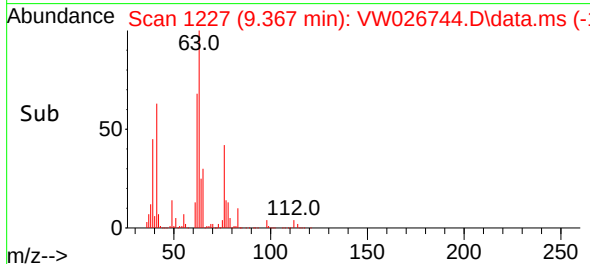
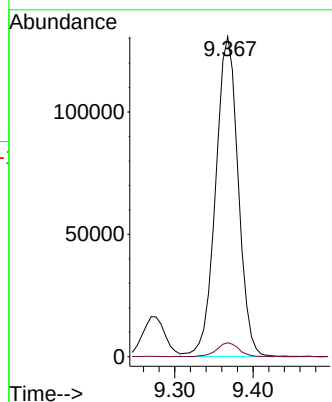
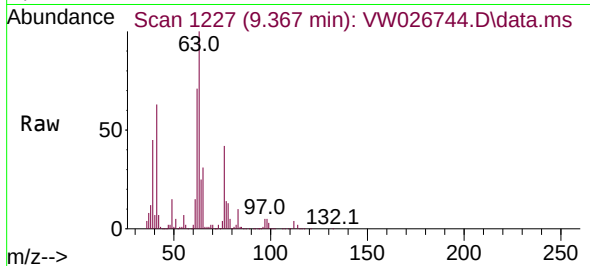




#37
1,2-Dichloropropane
Concen: 25.097 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

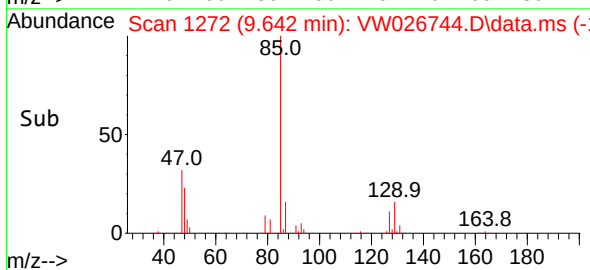
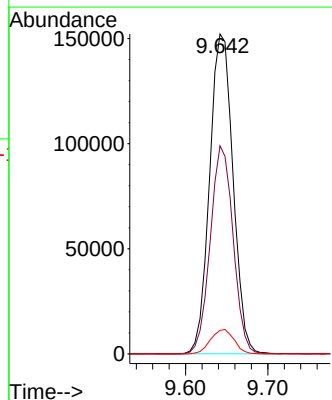
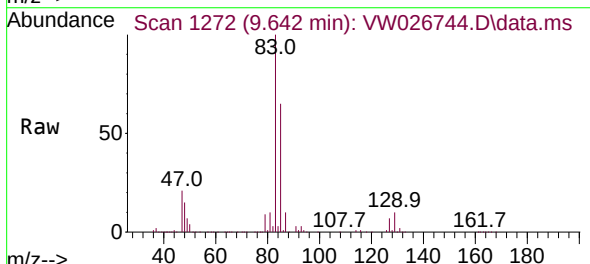
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

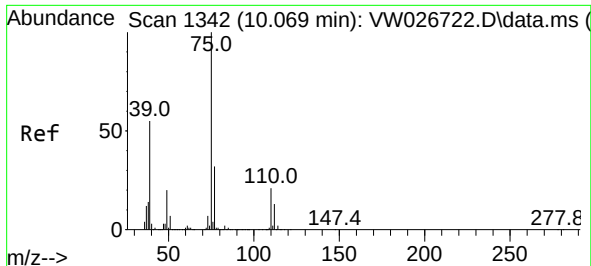
Tgt Ion: 63 Resp: 261583
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 24.545 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 83 Resp: 300119
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2
127 7.3 6.2 9.2

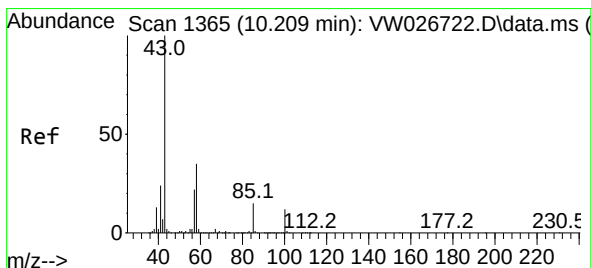
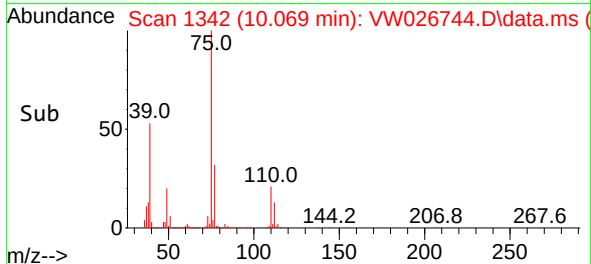
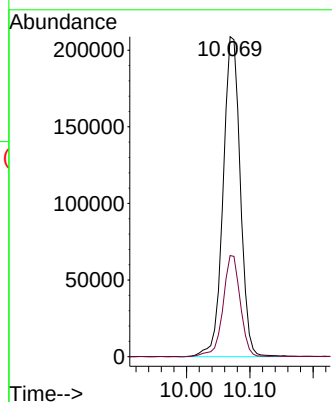
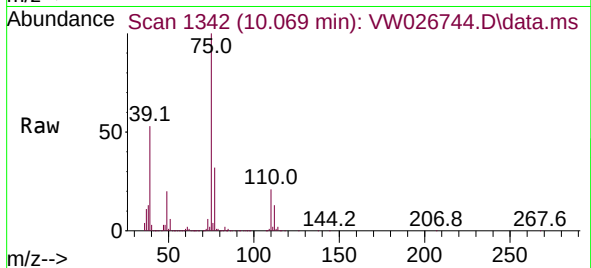




#39
 cis-1,3-Dichloropropene
 Concen: 26.206 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

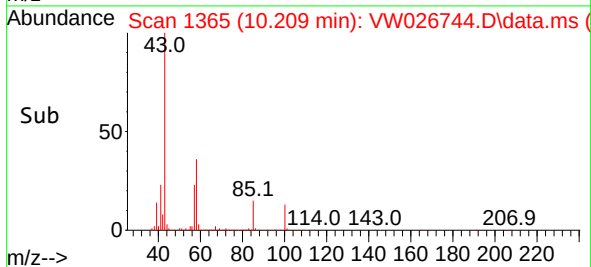
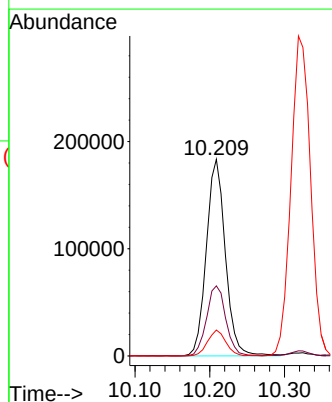
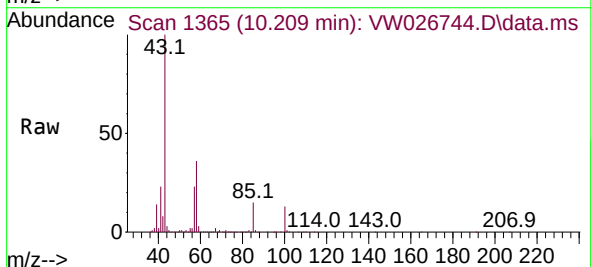
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

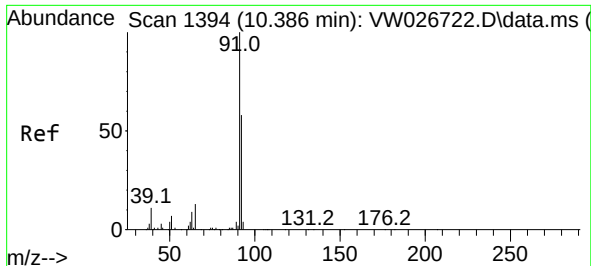
Tgt Ion: 75 Resp: 392933
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 47.792 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

Tgt Ion: 43 Resp: 324015
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.2 43.8
 100 12.6 10.7 16.1

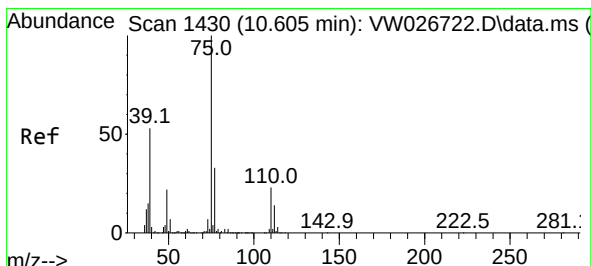
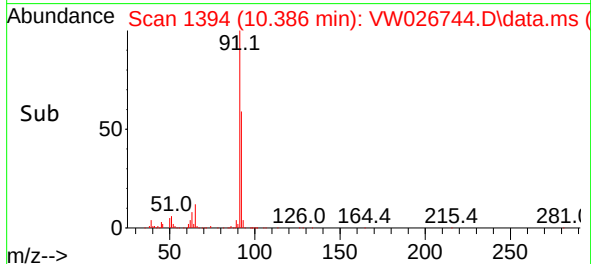
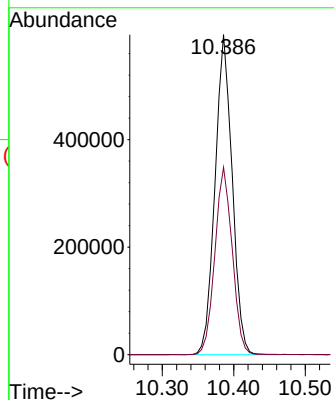
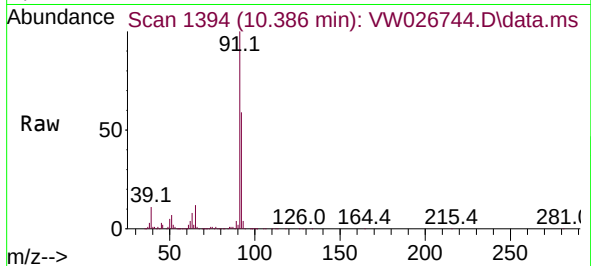




#42
Toluene
Concen: 25.727 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

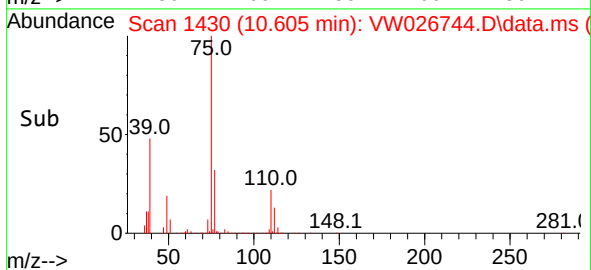
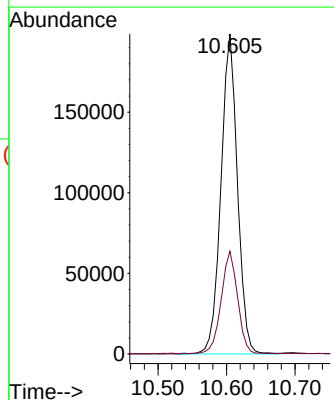
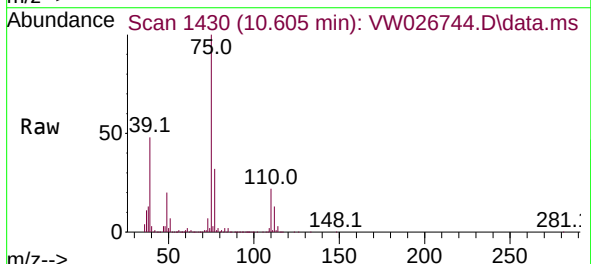
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

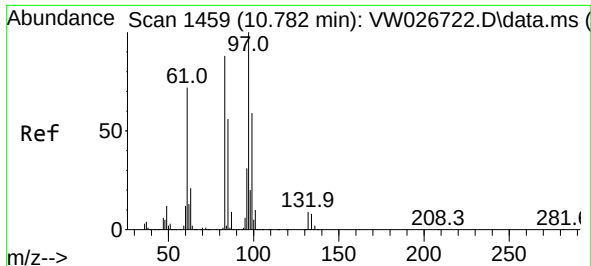
Tgt Ion: 91 Resp: 990324
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.623 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 75 Resp: 330686
Ion Ratio Lower Upper
75 100
77 32.1 21.2 39.4

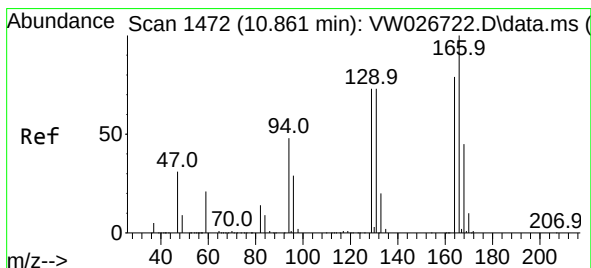
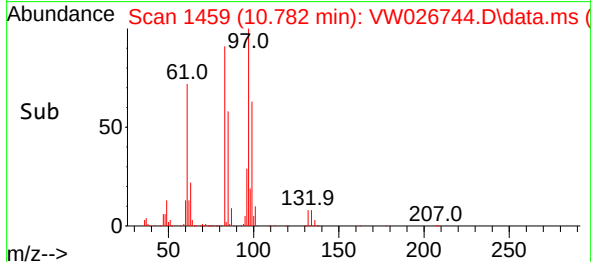
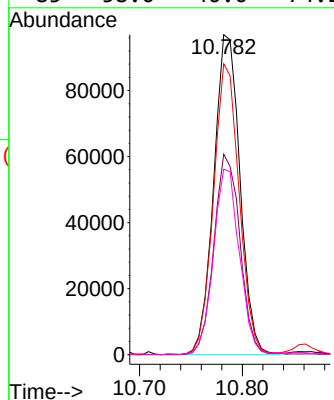
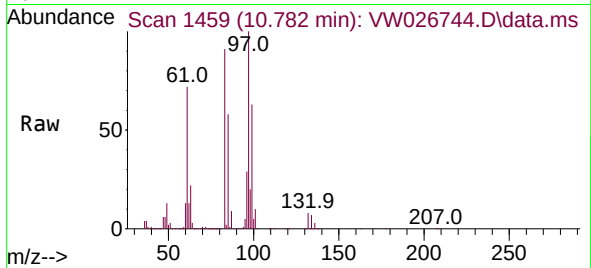




#45
1,1,2-Trichloroethane
Concen: 24.084 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

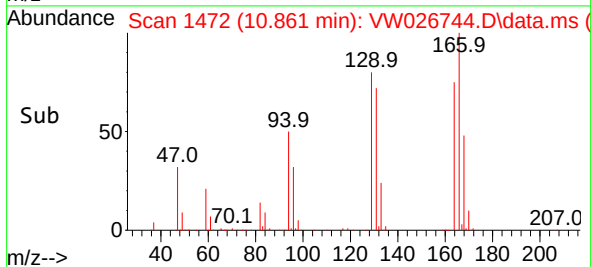
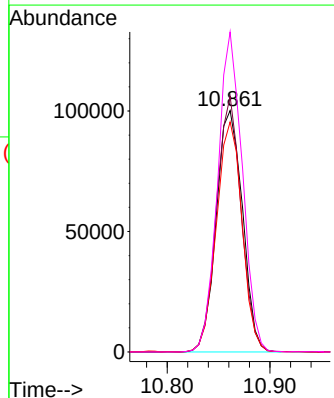
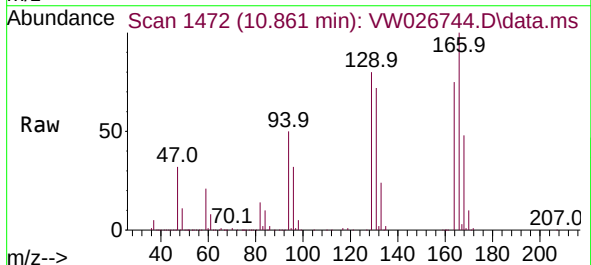
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

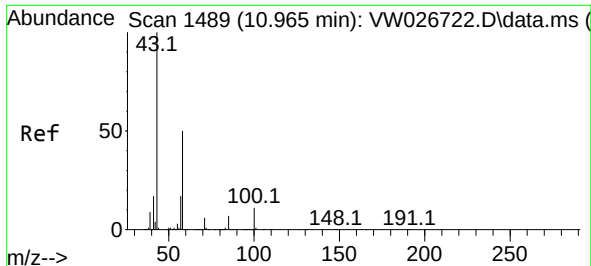
Tgt Ion:	97	Resp:	171678
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.2	82.0
83	90.9	61.9	114.9
85	58.0	40.0	74.2



#46
Tetrachloroethene
Concen: 25.212 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion:	164	Resp:	177516
Ion	Ratio	Lower	Upper
164	100		
129	105.9	68.1	126.5
131	95.3	65.5	121.7
166	132.5	89.1	165.5

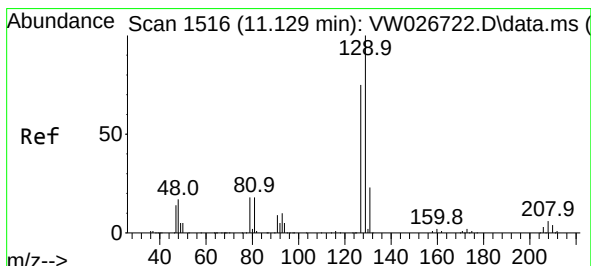
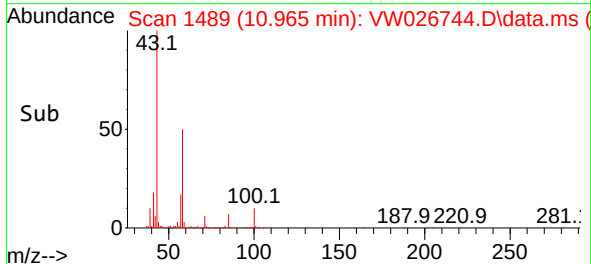
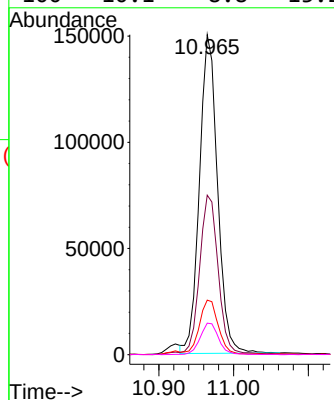
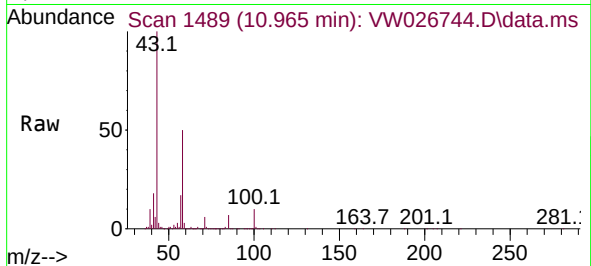




#48
2-Hexanone
Concen: 54.634 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

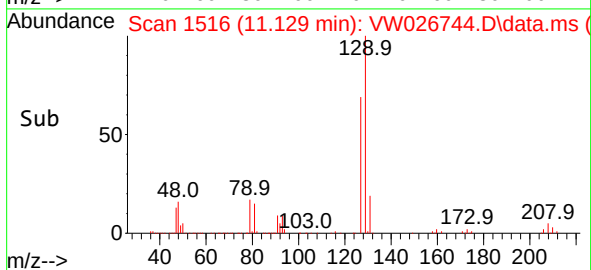
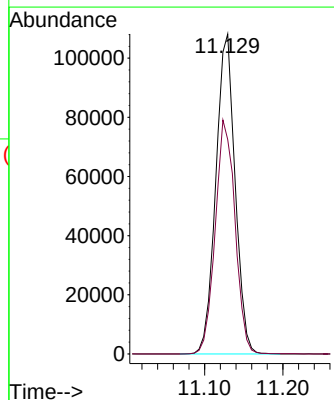
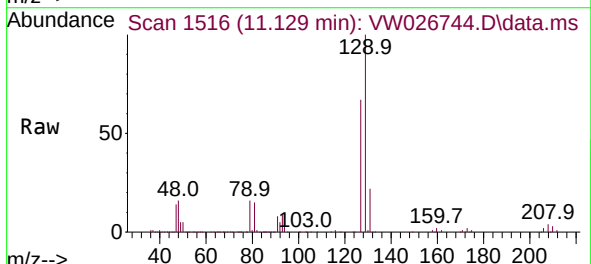
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

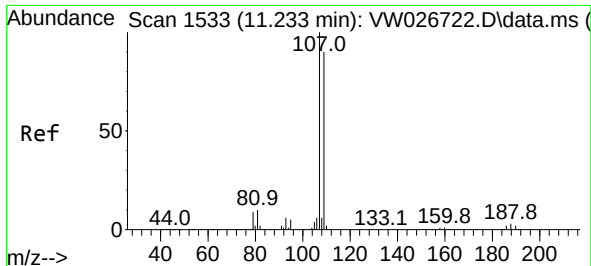
Tgt Ion: 43 Resp: 252038
Ion Ratio Lower Upper
43 100
58 49.6 41.1 61.7
57 17.8 14.3 21.5
100 10.1 8.8 13.2



#49
Dibromochloromethane
Concen: 24.821 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 129 Resp: 185053
Ion Ratio Lower Upper
129 100
127 67.0 56.6 105.2





#50

1,2-Dibromoethane

Concen: 23.801 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

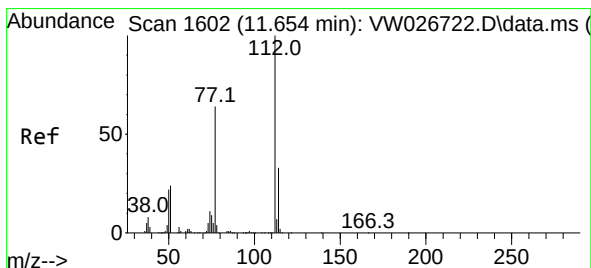
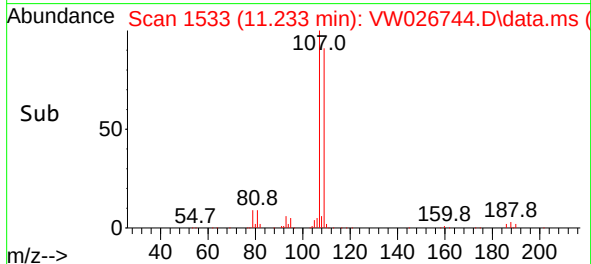
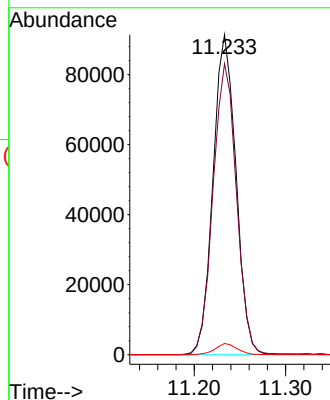
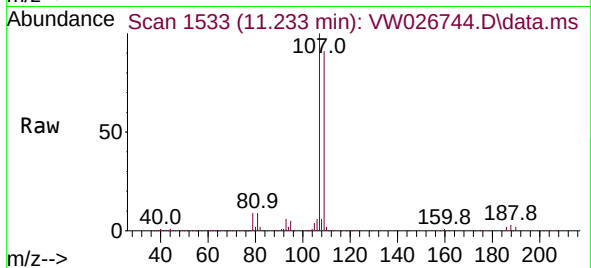
Tgt Ion:107 Resp: 159191

Ion Ratio Lower Upper

107 100

109 91.0 68.8 127.8

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 25.043 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

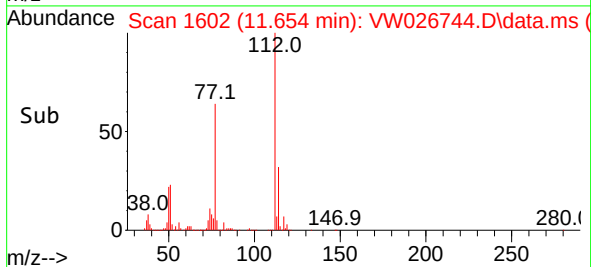
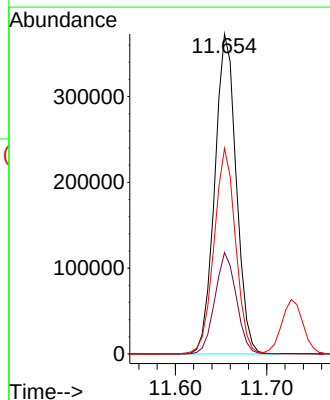
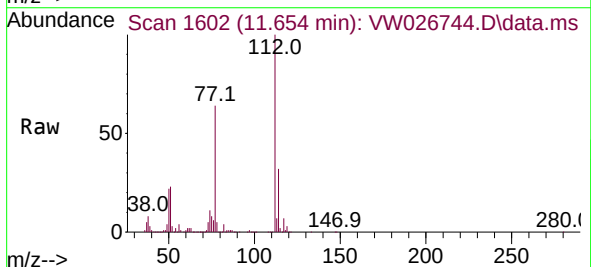
Tgt Ion:112 Resp: 608910

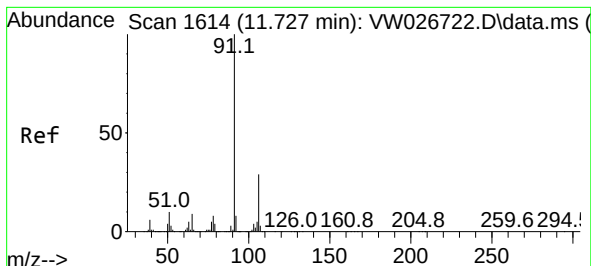
Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 64.2 50.2 75.2

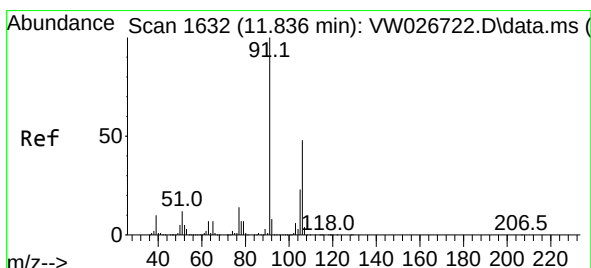
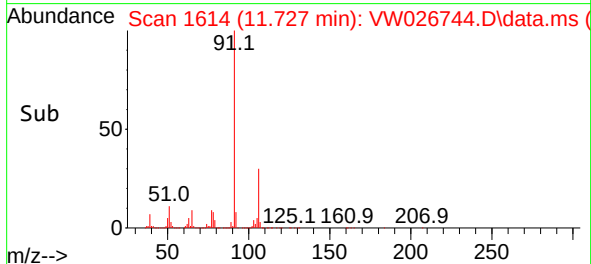
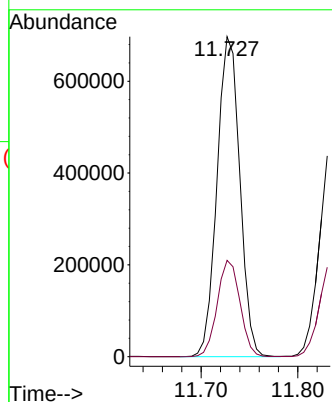
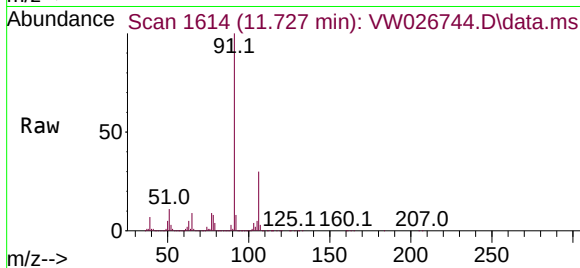




#52
Ethylbenzene
Concen: 26.380 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

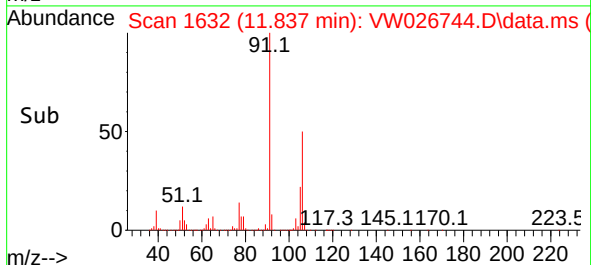
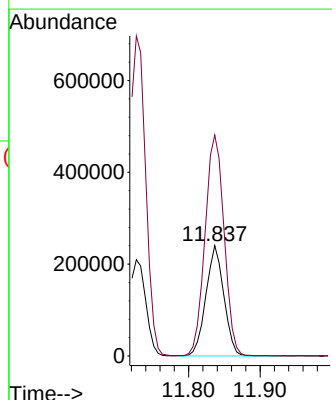
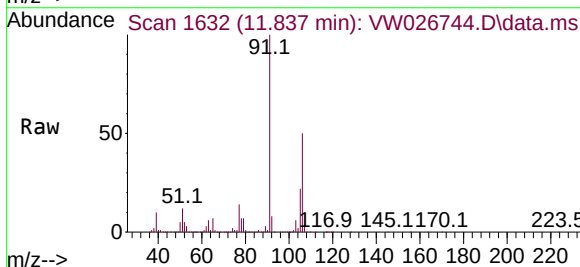
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

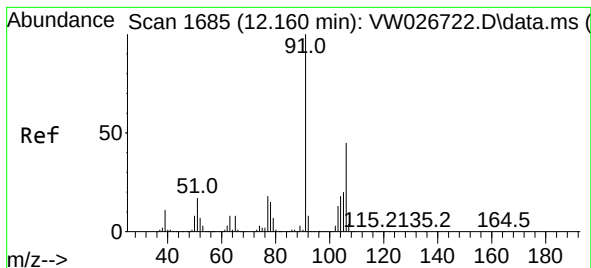
Tgt Ion: 91 Resp: 1138747
Ion Ratio Lower Upper
91 100
106 30.1 20.2 37.6



#53
m,p-Xylene
Concen: 26.204 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 106 Resp: 419038
Ion Ratio Lower Upper
106 100
91 200.3 152.9 284.1





#54

o-Xylene

Concen: 26.332 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

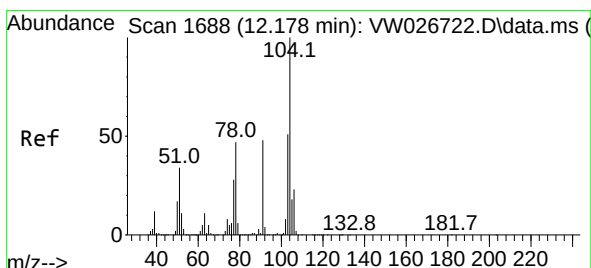
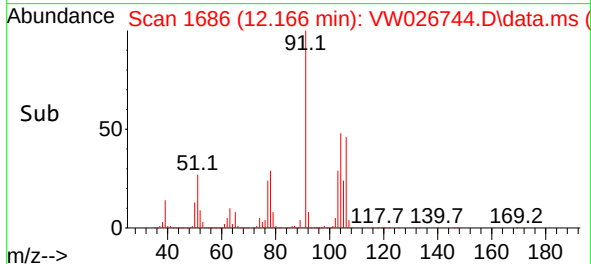
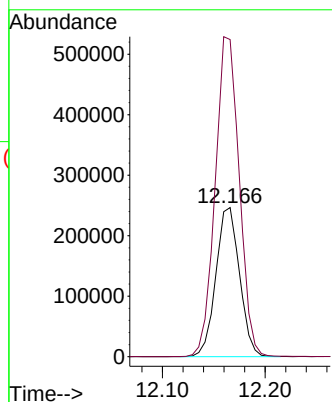
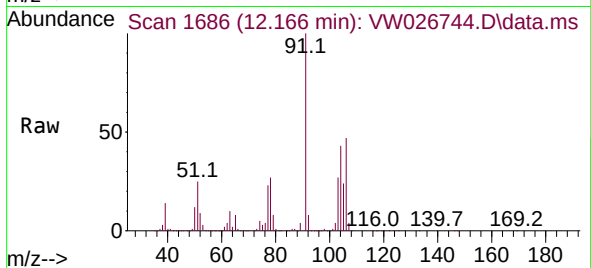
VSTD025579

Tgt Ion:106 Resp: 393010

Ion Ratio Lower Upper

106 100

91 212.6 149.9 278.3



#55

Styrene

Concen: 26.861 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026744.D

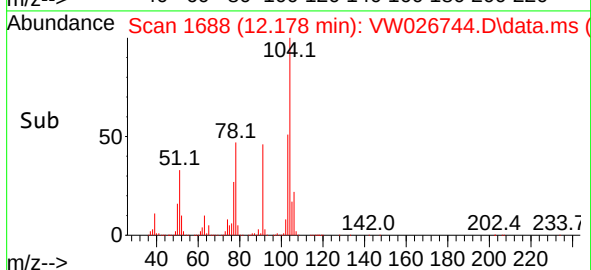
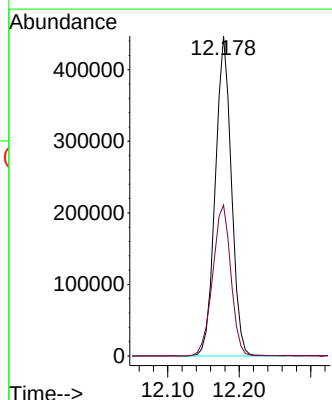
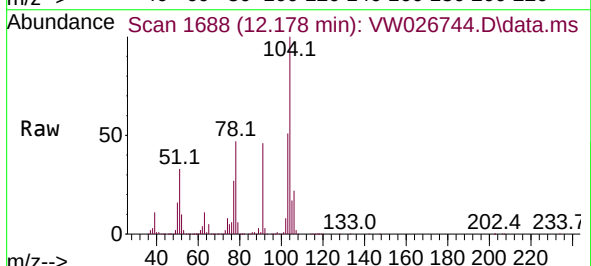
Acq: 15 Aug 2023 10:45

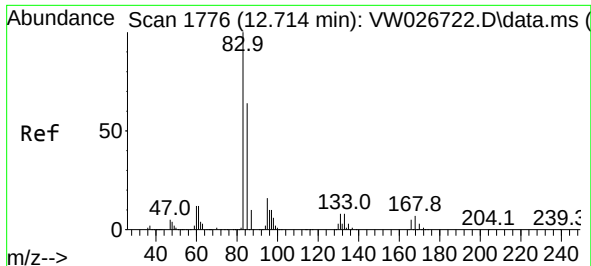
Tgt Ion:104 Resp: 697074

Ion Ratio Lower Upper

104 100

78 47.1 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 23.721 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

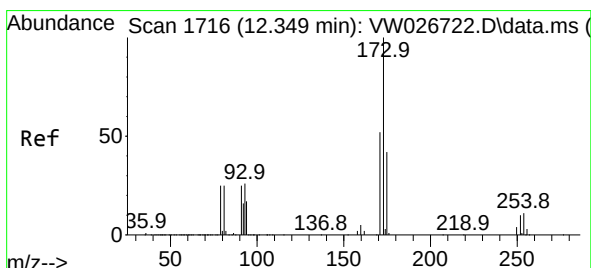
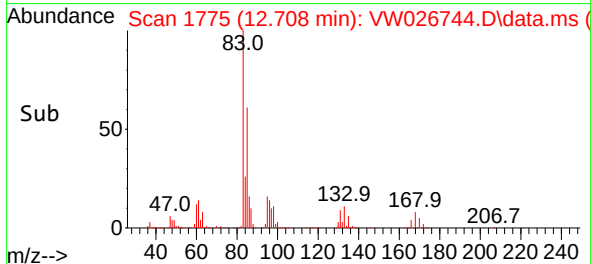
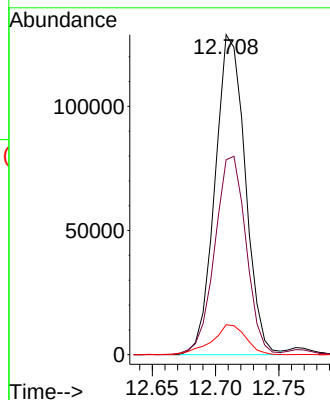
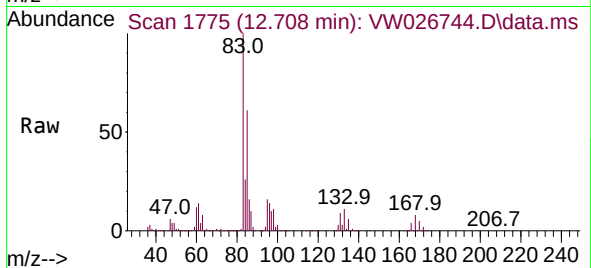
Tgt Ion: 83 Resp: 214145

Ion Ratio Lower Upper

83 100

85 60.9 44.9 83.3

131 9.4 7.4 11.0



#59

Bromoform

Concen: 23.774 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

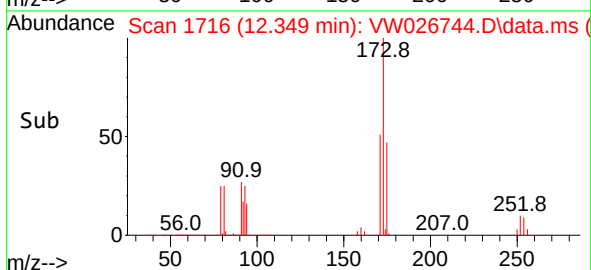
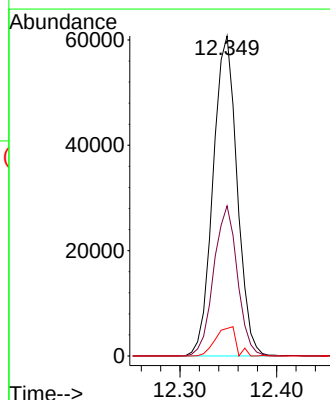
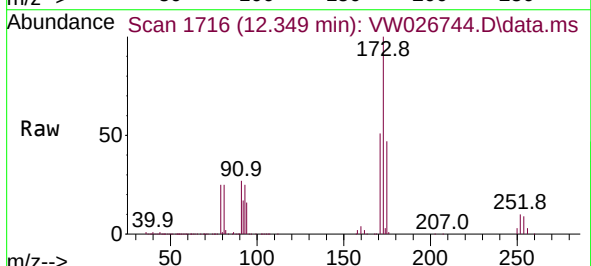
Tgt Ion: 173 Resp: 104973

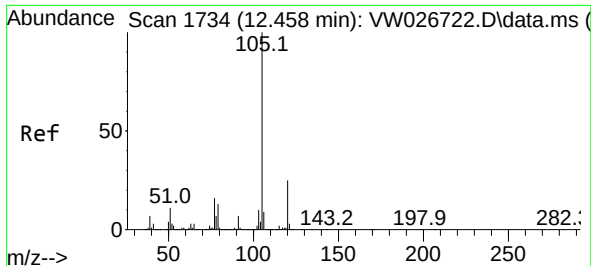
Ion Ratio Lower Upper

173 100

175 46.1 36.6 55.0

254 7.3 7.8 11.6#

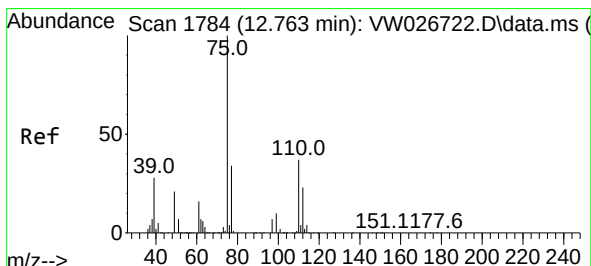
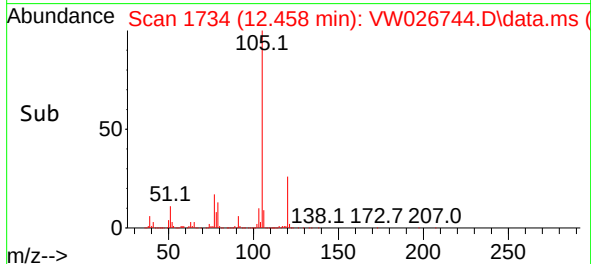
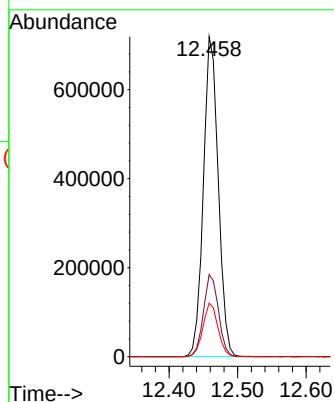
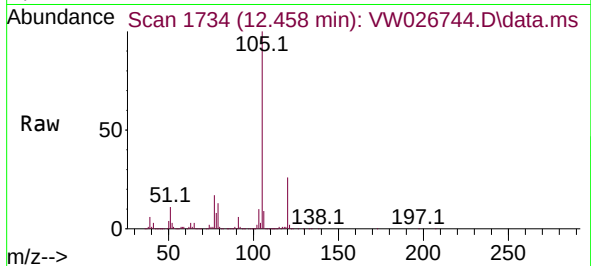




#60
Isopropylbenzene
Concen: 25.925 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

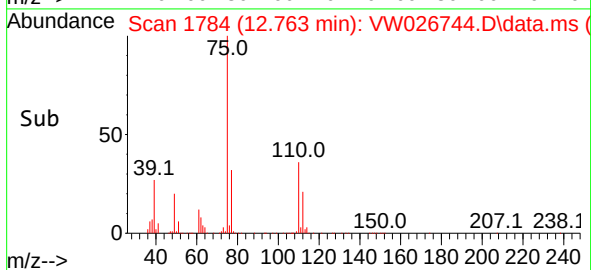
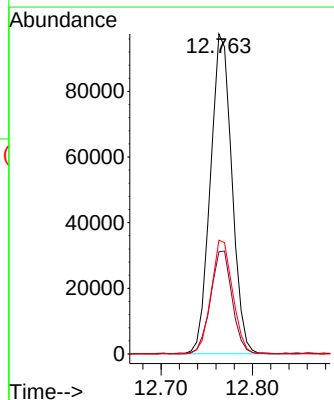
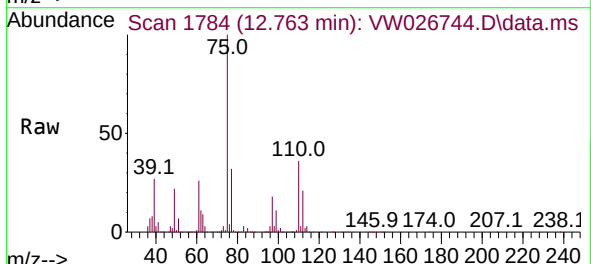
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

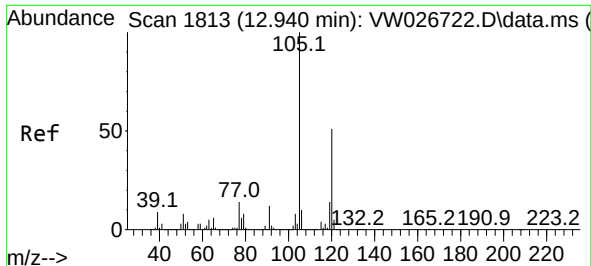
Tgt Ion:105 Resp: 1086395
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.9 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.249 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion: 75 Resp: 158956
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
110 35.7 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 27.695 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

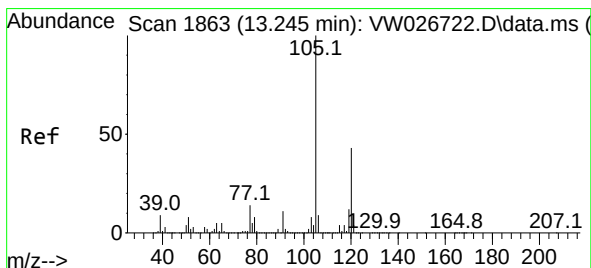
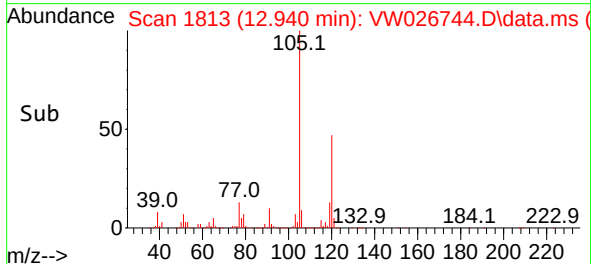
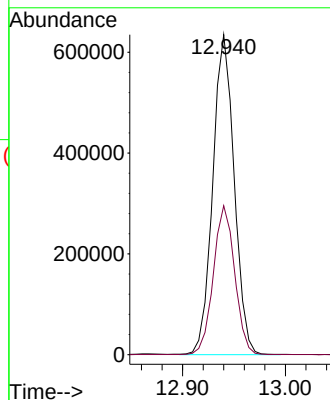
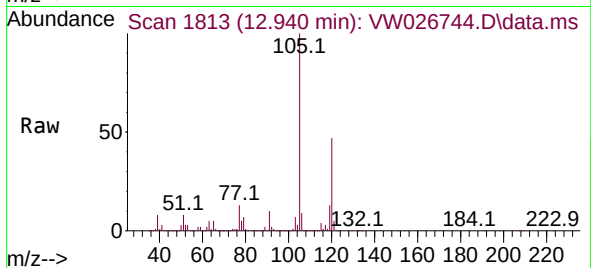
VSTD025579

Tgt Ion:105 Resp: 917341

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 27.484 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026744.D

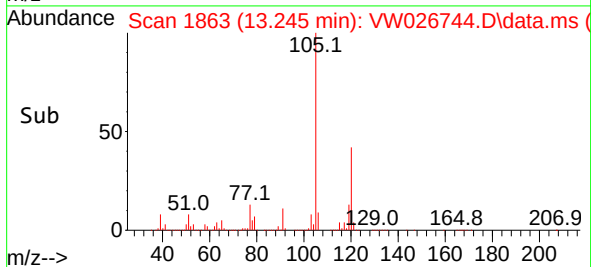
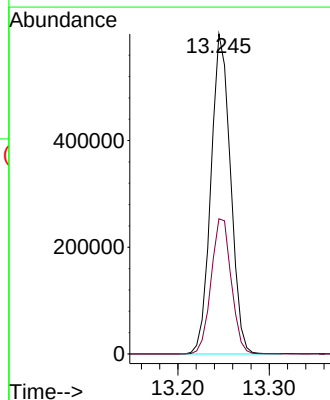
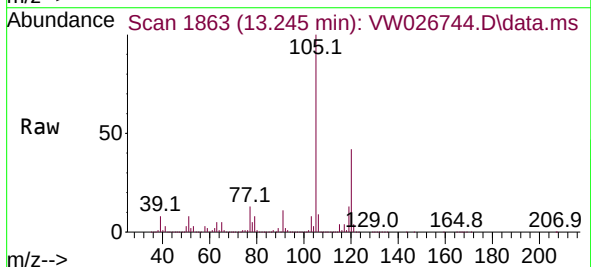
Acq: 15 Aug 2023 10:45

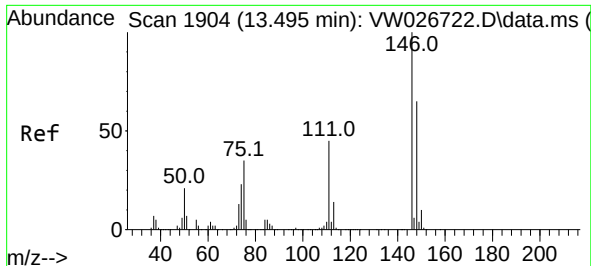
Tgt Ion:105 Resp: 892088

Ion Ratio Lower Upper

105 100

120 43.4 36.2 54.4

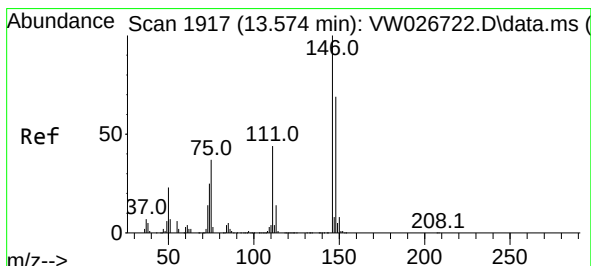
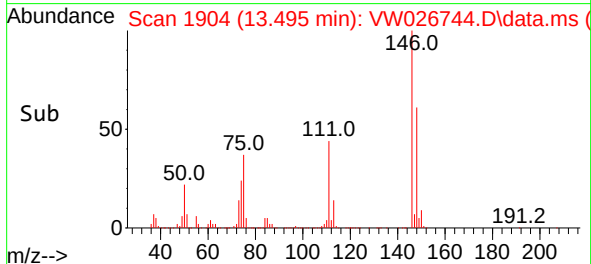
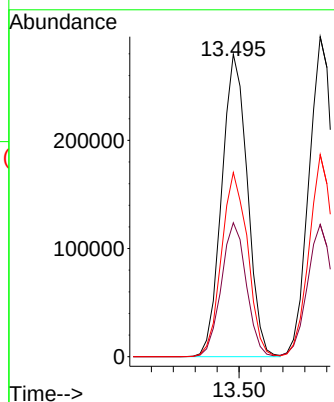
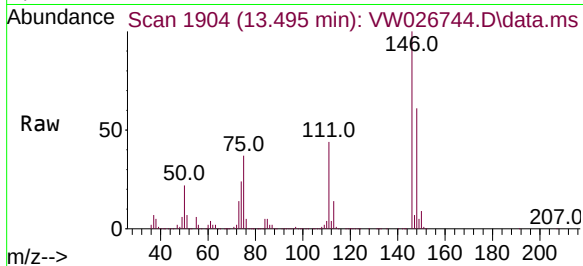




#64
1,3-Dichlorobenzene
Concen: 24.937 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

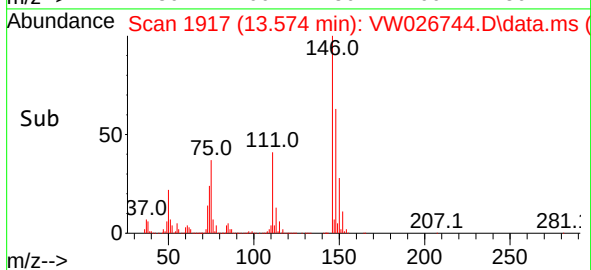
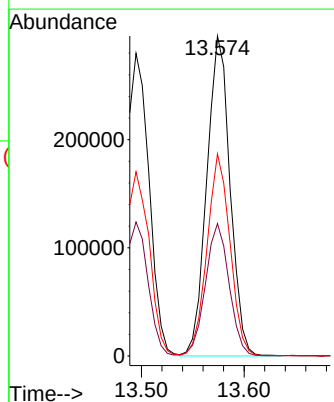
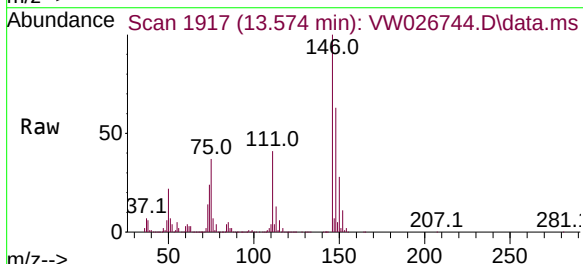
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

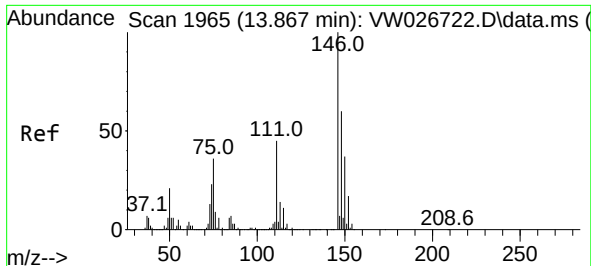
Tgt Ion:146 Resp: 454477
Ion Ratio Lower Upper
146 100
111 44.2 29.1 54.1
148 60.9 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 24.444 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026744.D
Acq: 15 Aug 2023 10:45

Tgt Ion:146 Resp: 464918
Ion Ratio Lower Upper
146 100
111 41.4 28.3 52.7
148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.835 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

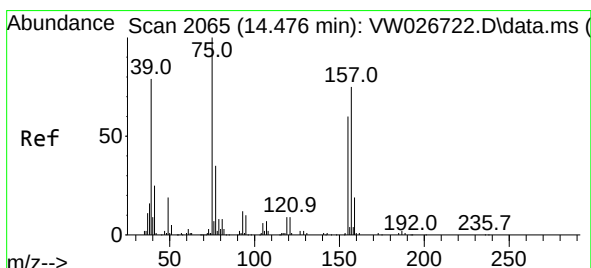
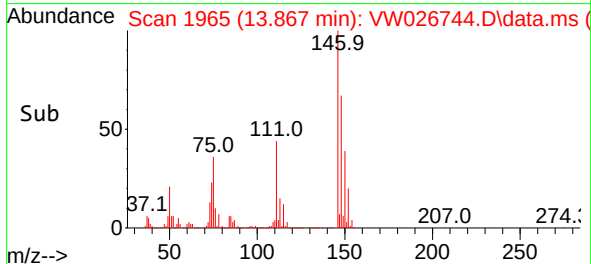
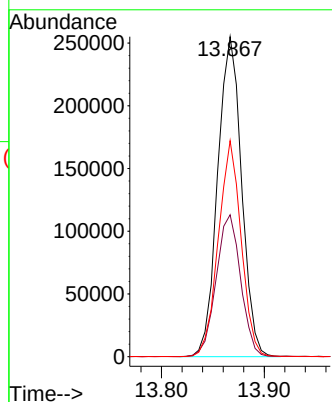
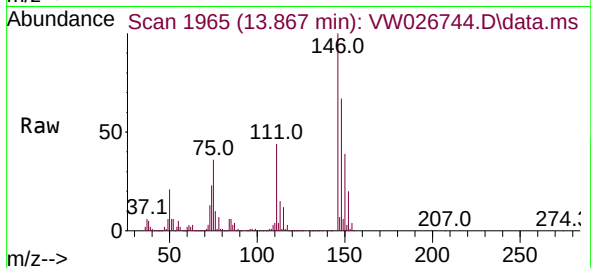
Tgt Ion:146 Resp: 411587

Ion Ratio Lower Upper

146 100

111 44.4 34.6 52.0

148 67.5 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.504 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

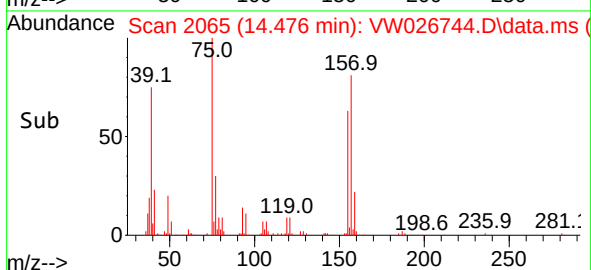
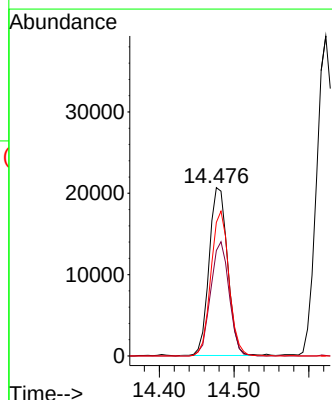
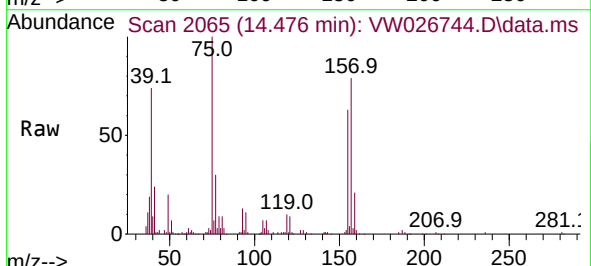
Tgt Ion: 75 Resp: 35444

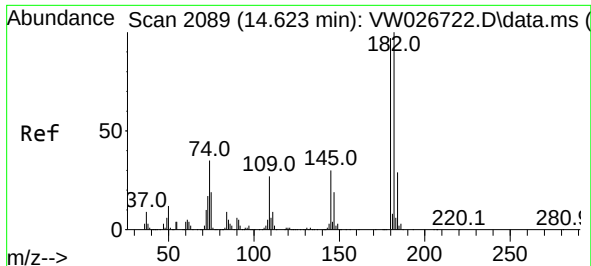
Ion Ratio Lower Upper

75 100

155 62.6 55.0 82.6

157 79.4 77.8 116.6

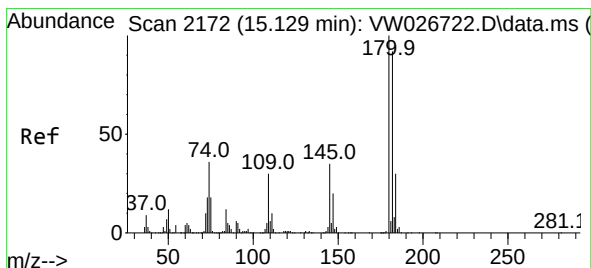
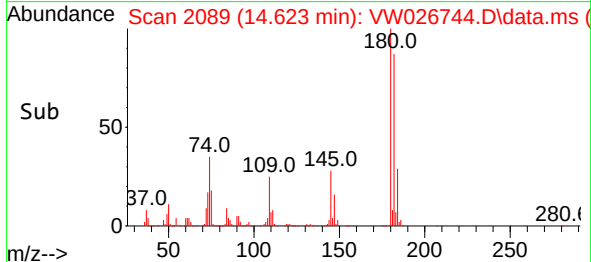
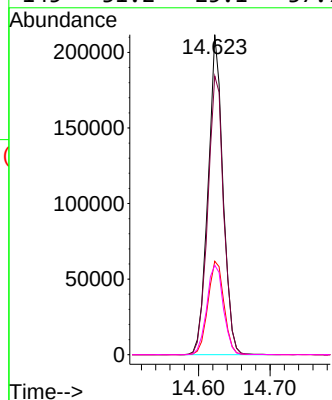
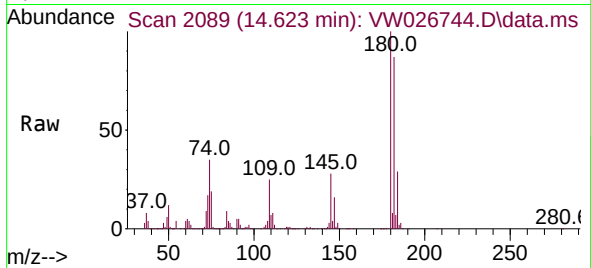




#69
 1,3,5-Trichlorobenzene
 Concen: 24.901 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

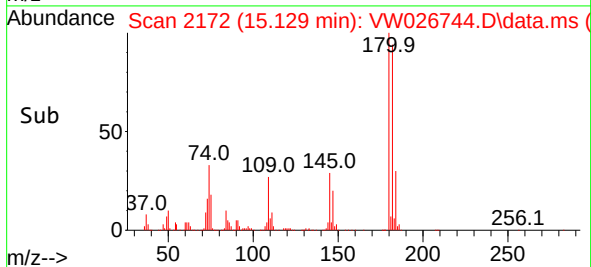
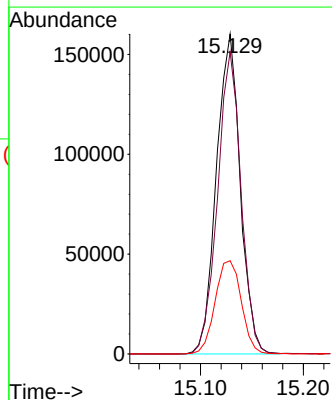
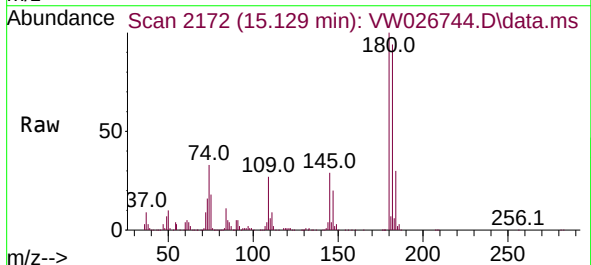
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

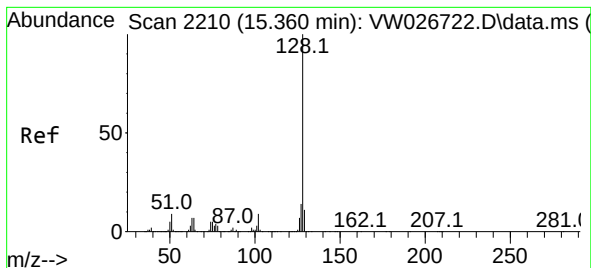
Tgt Ion:	180	Resp:	306602
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.2	112.8
184	31.4	23.8	35.8
145	31.2	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 24.689 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026744.D
 Acq: 15 Aug 2023 10:45

Tgt Ion:	180	Resp:	257736
Ion Ratio	Lower	Upper	
180	100		
182	93.3	72.5	108.7
145	32.0	24.7	37.1





#71

Naphthalene

Concen: 24.054 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

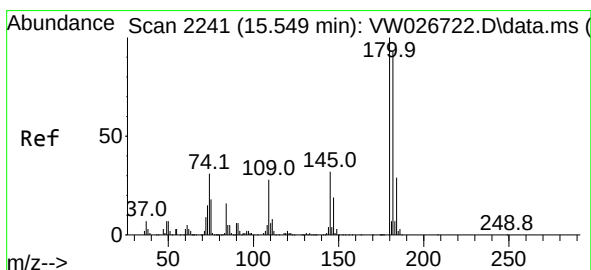
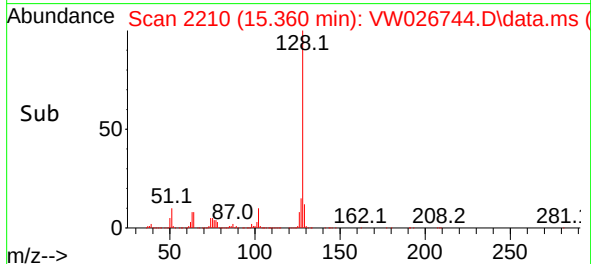
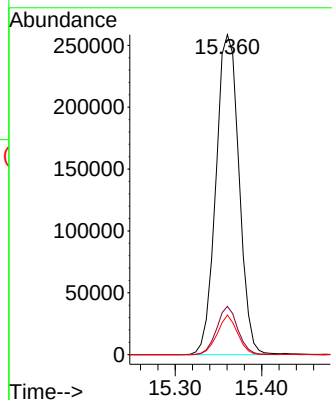
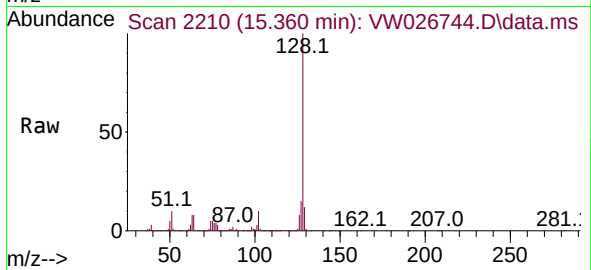
Tgt Ion:128 Resp: 478987

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.267 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026744.D

Acq: 15 Aug 2023 10:45

Tgt Ion:180 Resp: 237911

Ion Ratio Lower Upper

180 100

182 92.1 74.6 112.0

145 33.4 27.0 40.6

